# That such "Computers Hall"

The program "**Computers Hall**" is intended for a control behind operation *of managers* of the game/Internet halls, supports of various *reports* on operation of a hall, automation and simplification of work *of managers*.

How usually passes a working day of such *managers*? There comes *the client*, pays money, we shall tell for **1** hour to work in *the Internet*. *The manager* writes to a paper "such time, have paid **N** money for **M** hours". Then comes **5** persons, and want to play. All pay for **1** hour of games. *The manager* again writes all to a paper. Then **3** persons pay for half an hour, having decided still to sit. Here in a hall comes **6** more players, and pay who in one hour, who for one and a half. *The manager* writes all. And when who is time for lifting? *The manager* looks for a while and starts to compare it with the recordings. And as it is tiresome to do, if ten computers occupied even! Now we shall look on the other hand at a hall. Let in it works three persons. Two fairly carry on *reports*, and the third deceives, sometimes not writing arrival of money to cash department. Two see, that in his session arrival of money is obviously small. And how to catch him in assignment of money? Difficultly. Frequently *managers* carry on recordings in the papers and when it is necessary enter in the main *report*. What is necessary to them to tear this paper and to write in the end less? There is one more question reducing profit on a hall. We admit, villages of persons to play at one o'clock. *The manager* certainly may not compare each minute of recording to see, for whom time has quitted. Let *the manager* reaches, that it is time to lift persons only in **5** minutes from completed time. To lose for **5** minutes on **10** computers it is possible for day rather essential money. And what for them to give, to whom has got? Or still an example. The person has overstayed **5** minutes, gathers to pay still, but speaks "now fast I shall finish and I shall pay in one hour". So he delays time. When he will pay, *the manager* looks at hours and starts to count time from the moment of payment. And it is not correct. To count him it is necessary from the end of the previous interval of payment. And for this purpose it is necessary to rummage on recordings. Or still inconvenience. Let *the chief* wants to look, how many the profit brings **5-th** computer for one week. What he in this case does? Takes the report and searches in it for the lines concerning **5-th** computer. Inconveniently! Or one more situation - is knocked to you any tax instance to have a look in a writing-book. And where you will hide it? Again a minus. The given product is intended for simplification of work and disposal of all these (and many others) unpleasant problems of operation of computer club.

**"Computer's Hall"** was developed as the universal product which can be used in the majority of computer clubs. At the moment of the release of this version of the program, **"Computer's Hall"** already works in many computer clubs worldwide. It is permanently developing product, and the majority of ideas on its perfecting is offered users of the program.

# Main possibilities of the program

- About **48** computers are supported;
- The Remote control of operation of a hall through the Internet;
- All computers are controlled from *the host* which is a workstation *of the manager* of a hall;
-  Indication of presence *of link* with computers of the network;
- When there is paid time, on the screen of the client there is a window which to remove it is impossible or the keyboard, a mouse is locked;
- Payment for *games* and *Internet* under different tariffs;
- The account of any additional services (printing, scanning, recording of disks, …);
- The autodiscount;
- Autochange of tariffs of the program in given time;
- *The night* mode of payment when pay the fixed sum for all night;
- Payment *at a rebate* in percentage (for example, for constant clients);
- Payment in view of free-of-charge time for *customization*;
- Surcharge, as up to an exit of paid time, and the ambassador is possible;
- Payment to the timer when pay at the end of operation;
- The convenient *calculator* for calculations of type is **$14**, how many hours I shall play?
- The program remembers and uses the price for **1** hour of games and **1** hour of the Internet;
- Roundoff of the sum of payment;
- Return of the rest of money;
- Change on the free computer;
- Dissolving and editing of incorrectly entered operation;
- **6** statuses of computers: "*Freely*", "*Games*", "*Internet*", "*Time has left*", "*Timer of the games*", "*Timer of the Internet*";
- From one sight it is visible, what computer is free, what occupied, how many minutes are necessary to work, how many has fulfilled and when will be released;
- Tracing behind time and the notification through the PC-speaker *of the host*;
- Speaks a voice  through a soundcard *of the host* of phrases: "Computer **[N]** remained **5** minutes" and "Computer **[N]** your time has quitted";
- The program correctly will continue operation at restarting (for example, at the forced reboot in case of failure, turn off of power supply);
- Time of payment is entered in minutes;
- Possibility of review *of reports* for any period (*current session, choice of session, for day, for all time, for any interval of time*);
- Various sorts *of reports*, analyses of operation of club;
- *The base of reports* is ciphered by modern symmetric algorithms of encoding;
- *The Base of reports* has mechanisms of selfrecovery;
- All reports can be printed out on the printer;
- It is possible to do notes in *the report*;
- Entrance in the program under the password;
- It is possible to print out and hang up help when what computer will be released on a door;
- It is possible to see the list of active processes by client machines, to delete them and to conduct the report on their work;
- Management of the Internet (switch on/switch off) it is transferred the external module;

- Control of the Internet on client parts occurs through the built-in blocker of IP-ports (2000/XP);
- Control of used rules of a blocker of IP-ports;
- It is possible to send the text message to the client;
- The program can remind the client how many at him remained minutes up to the end of work (how many he has fulfilled);
- Password protection of reports of the program with different levels of access;
- The big hours.

# System requirements

The operating system on the *host* computer is  **Windows 98**/**ME**/**NT4**/**2000/XP**;
The operating system on the *working* computers is  **Windows 98**/**ME**/**NT4**/**2000/XP**;
Permission of the screen monitor on *the host* not less:

      **800x600** – for club with number of computers no more than **16**;
      **1024x768** – for club with number of computers no more than **30**;
      **1280x1024** – for club with number of computers no more than **48**;

Presence of a soundcard on *the host*;
The computer selected for *the manager* called further *main*.

# Brief browse of operation of the program

In this section of help, you briefly receive common view about operation of the program. Let the software is already installed and works, the program is completely customized. We appear in a role *of the manager* of a hall (further simply *the manager*).

The person comes into a hall and one hour per the Internet wants to work. We look at the screen of the program and we see, what computers are free, what occupied. If all computers occupied, it is easy to see, how many what computer needs to work. If there is a free computer, shall tell at number **7** on it the window with an inscription "**SYSTEM IS DISABLED**" hangs or on it the keyboard and a mouse do not work. All this is visible on our *host*. In the window of the program *the indicators* appropriate to each *working* computer are located. On each *indicator* the state of the computer is visible (*"Freely" "Games"*, *"Internet"*, "*Time has left*", "*Timer of the games*", "*Timer of the Internet*"), also is *a bulb* of link with this computer. Thus, on **7-th** indicator it is written *"Freely"*. The person pays in one hour. We select from *the indicator* number of minutes **60** and we press the button *"Start"*.

Five minutes prior to the end of time, through columns which are revolved in a hall, the voice makes "*computer 7 remained 5 minutes*" (in *the voice* version). If the person needs to work still, he pays for required quantity of minutes and works further. Paid time increases to that remained. When time quits, through columns *of the host* the voice makes "*computer 7 your time has quitted*". The active program on the computer **7** is turned off and on the screen there is a tablet " **SYSTEM IS DISABLED"** or the keyboard (except for special shortcut keys such as **Ctrl-Alt-Del**) and the mouse (pressing are ignored) is disabled. From this moment on **7-th** *indicator* of the program the inscription "*time has left"* shines. The person rises and leaves (or approaches to pay in addition still), and *the manager* presses *"Reset"*, stopping a signal reminding to him (through the PC-speaker). If the person wants to pay still, *the manager* enters the necessary number of minutes in the indicator, presses *"Start"* etc.

The so-called *mode of the timer* is accessible. It when money after operation, for fulfilled time pay.

All operations with the program are written in *base of reports* (folder **LOG3** in the directory of start of the program). *Base of reports* this strongly protected repository in which encoding the advanced symmetric algorithms of encoding and a data recovery are applied. At any moment it is possible to look and print out various *reports the bases* made on the basis of the analysis. *Reports* mirror, as detailed lists of all operations with the program, and brief analyses of operation for any period. Now in the program *the report* of the third generation (or versions) works. For the years of operation of the program many ideas on perfecting reports of the first versions were obtained, as realized in the report of the third generation. For today this maximum convenient resource of a control behind operation *of managers*.

In the program *the night* mode of payment is stipulated. It when pay for all night, the defined sum and work till morning. As a rule, it costs less than to pay on hours. Also possibility to take into account *the discount (rebate)* in percentage is convenient. For example, for constant clients it is possible to give **33**% *the discount (rebate)* at payment.

There is a possibility to transplant for the free computer, for example, when the keyboard or a mouse does not work, the game etc is not started.

It is possible to edit incorrectly entered operation or to cancel it.

If the person has paid, say, for one hour, but has fulfilled **30** minutes and he needs to leave, that is possibility to return money for the staying of **30** minutes.

There is built-in very convenient *calculator* which fast allows to learn: how many the person may work, having paid the defined sum; how many costs is a required number of minutes. All this is considered in view of the current price in hour of games, the Internet, and also the possible *discount (rebate)*.

There is a possibility to do *a note* in *the report*. For example, on any computer headphones badly work. Not overlook to tell about it to the chief, we simply do recording in *the report*.

One of convenience of the interface is possibility from one sight to tell, what computer *is free*, what *occupied*, than (*games*, *the Internet*) and as it will soon be released. It some requirement to screen resolution also speaks.

When there is paid time, it is not necessary to go and lift persons on ten times, he simply can not work, yet will not pay. Also to be eliminated all *"comrades"* coming free-of-charge to play. The computer or is disabled, or for it is paid, so money in cash department.

A lot of information on the basis of which outputs easily are drawn on operation of a hall and about honesty of concrete *managers* is given *the chief* of a game hall. Special interest represents "*a control through the Internet*" when *the chief* may look at operation of club on distance for what he will need only a browser and the Internet.

# Installation of the program

Let's enter some concepts. The computer being a workstation of the manager, we shall name *main* or *the server*. Other computers, on which people come to work, we shall name *working* or *client*.

Will copy on all *client* computers folder **CLIENT** (in it **7** files **Client2.exe, SetupClient2.exe, Client2Service.exe, offer.dll, language.dll, HookNTQSI.dll, CZ2Fltlp.sys**). We recommend to copy it in c:\windows\system32\ (windows NT/2000/XP/2003) or in c:\windows\system\ (windows 98/ME).

Pay attention, that at the voice version **"Computers Hall"** there should be directory **SOUND**, where there should be all files of sounds **01.wav-48.wav** (**04.wav** for a demo), **less5.wav** and **timeout.wav**. At desire you may replace all these sounds with the own.

The package *of a demo* includes **PassClean.exe** utility. It allows to erase the forgotten passwords used in the program. In the complete version a situation another. The package of the complete version does not include utilities of erasing of passwords. To take them it is possible from the closed part of our site (http://astrumsoft.com/compzal/), using passwords obtained at program purchase.

Pay attention! If any from programs it does not want to be started, demanding **oleacc.dll** file, you need up to to install in the operating system support for invalids (a screen magnifier etc.).

On it the stage of installation is completed and it is possible to pass to preliminary customization of program.

# Preliminary customization of the program

Attention! All adjustments need to be spent under the rights of the Administrator (for Windows NT/2000/XP).

All over again we shall customize *the server*. We start **Setup.exe** (`Start->Programs->Computers Hall->Setup)`.
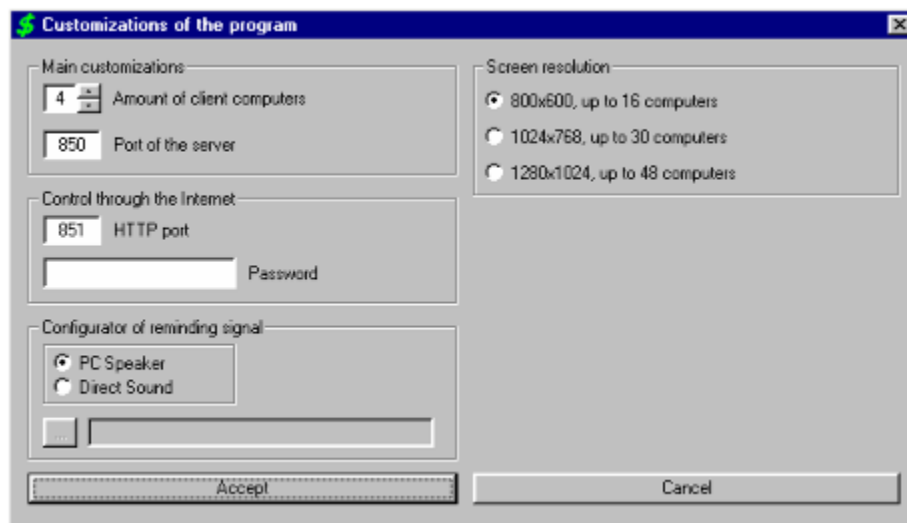


In the voice version of the program there is no section "*Configurator of reminding signal*" since in it reminding signal is replaced with reminding voice.

From section *"Screen resolution"* we select screen resolution of the program. For operation the program demands big enough square of the screen. Select as conveniently to you, but take into account, that minimum the program needs permission **800x600**, and in this permission you can work with number of computers in club up to **16**. Having selected permission, **1024x768** to you becomes accessible to work with up to **30** computers of club and, having selected **1280x1024**, becomes accessible up to **48** computers.

We change quantity of computers for number *of client* computers in a hall, *the port* can be left by default **(850)**.

In section "*Control through the Internet*" enter the password on access to this function. The user name always **"boss".** *HTTP* also can be left *a port* by default **(851)**.

In *not the voice* version there is a possibility to select reminding device (PC Speaker or Soundcard), and for Soundcard a sound (.wav the file).

Further we shall customize all *client* computers.

ATTENTION! Normal operation of the program is prevented by "sleeping mode"

computer, it needs to be disabled on all computers! Turn off of the screen monitor is authorized only. Also it is necessary to disconnect synchronization of hours through the Internet (for users Windows XP) on all computers.

Users Windows XP need to disconnect "Fast User Switching". Ñontrol panel-> Accounts of users> Change of an entrance of users in system. Remove a tick «Use fast user switching».

Open folder **CLIENT**, then start in it for file **SetupClient2.exe**.
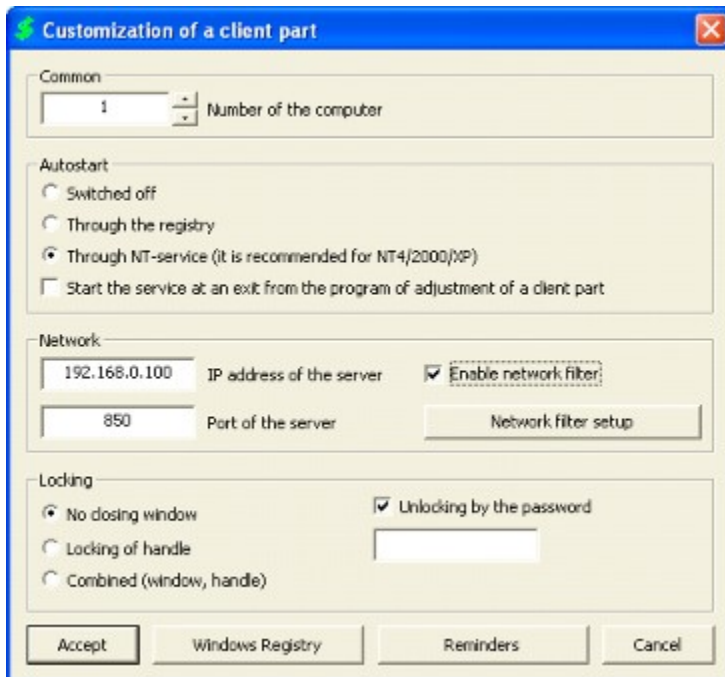
At start will ask the password on access to customizations of the client:



If it is the first start of the program of customization of the client, the following message, warning about necessity to think up and remember the password will be output.
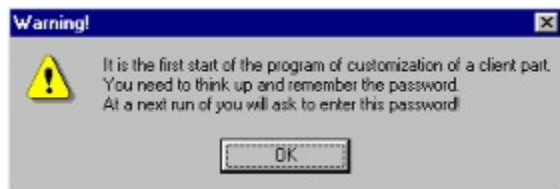


Enter him and it to be remembered.



In section *"Common"* we enter number of the computer (it is unique on each *computer-*

*client*).

In section *"Autostart"* we choose a way of autostart of the program. For Windows 98/ME it is necessary to choose «*Through the registry*». Users Windows NT/2000/XP are recommended to start the program *through NT-service*, in such variant it will be possible to have a client part under any rights (not only the Administrator).

In section "*Network*" it is entered **IP** the address *of the server*. *The port of the server* is entered same what entered in customizations *of a server* part (**Setup.exe** program).

If the client part is started under the operation system **Windows 2000/XP/2003** that to you the built-in blocker of ports (network filter) will be accessible. It is necessary to customize its rules (pressing the button "Network filter setup") then it is necessary to enable network filter, having placed an appropriate tick. In more detail about customization of a blocker of ports it is written in section: Port blocker setup.

Having pressed the "Reminders" button, you should customize reminder messages:



From section *"Locking"* we select a way of the locking "*No closing window*" or "*Locking of handle*". In case of the locking "*No closing window*" is possibility to unblock the computer the password which can be entered into the window located under a tick "*Unlocking by the password*". If it is necessary, that the window "**SYSTEM IS DISABLED**" had no possibility to enter the password, we remove a tick "*Unlocking by the password*".

So the window of the locking looks:
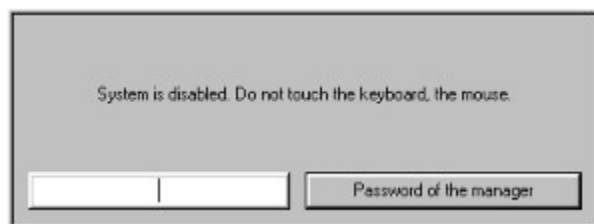


In a mode of not closed window there is an opportunity to replace a standard inscription

about blocking of computer any your picture. For this purpose it is necessary to create a file `splash.bmp` in the catalogue of a client part. It is better to make a picture very big (for example, 1600x1200) then it will close all screen at the moment of blocking. In case of the smaller sanction, the picture will be accordingly reduced. If to take a beautiful, qualitative picture, to write on her «computer is blocked» it will turn out very well. For example:
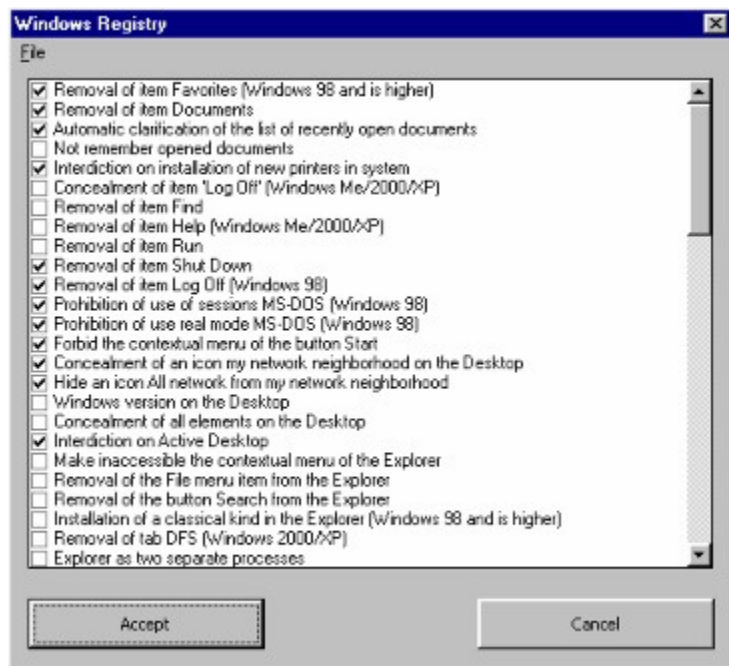


"*Locking of handle*" it is selected, when it is necessary, that upon termination of time the window was not output, and the keyboard (except for special shortcut keys such as **Ctrl-Alt-Del**) and the mouse (pressing are ignored, but there will go the cursor) was locked. For the majority of clubs we recommend this way of the locking of operation, and "*No closing window*" approach for only Internet of clubs where in games almost do not play better.

It is possible to select also the combined locking which combines both lockings simultaneously.

Pay attention, that at start of a client part «as service» will not work the window of input of the password of a unblocking. It is made the greater safety.

There is an opportunity to adjust standard parameters of safety of the registry of operational system. For this purpose it is necessary to press "Windows Registry" the button.

```
Windows Registry                                              [x]
File
  ☑ Removal of item Favorites (Windows 98 and is higher)      ▲
  ☑ Removal of item Documents
  ☑ Automatic clarification of the list of recently open documents
  ☐ Not remember opened documents
  ☑ Interdiction on installation of new printers in system
  ☐ Concealment of item 'Log Off' (Windows Me/2000/XP)
  ☐ Removal of item Find
  ☐ Removal of item Help (Windows Me/2000/XP)
  ☐ Removal of item Run
  ☑ Removal of item Shut Down
  ☑ Removal of item Log Off (Windows 98)
  ☑ Prohibition of use of sessions MS-DOS (Windows 98)
  ☑ Prohibition of use real mode MS-DOS (Windows 98)
  ☑ Forbid the contextual menu of the button Start
  ☑ Concealment of an icon my network neighborhood on the Desktop
  ☑ Hide an icon All network from my network neighborhood
  ☐ Windows version on the Desktop
  ☐ Concealment of all elements on the Desktop
  ☑ Interdiction on Active Desktop
  ☐ Make inaccessible the contextual menu of the Explorer
  ☐ Removal of the File menu item from the Explorer
  ☐ Removal of the button Search from the Explorer
  ☐ Installation of a classical kind in the Explorer (Windows 98 and is higher)
  ☐ Removal of tab DFS (Windows 2000/XP)
  ☐ Explorer as two separate processes                       ▼

       [      Accept      ]              [      Cancel      ]
```

Pay attention to the menu a file which allows to save and load schemes of the chosen adjustments. It will be convenient to choose required adjustments on one client computer, to save in a file, to copy it on other computers and there to load and apply.

We press *«Accept»*.

We start **Client2.exe** (if you have put a tick «Start … at an exit from the program of adjustment of a client part» that the client it will be started automatically). If "**Computer's Hall**" [**ÑomputerZal.exe**] (`Start->Programs->Computers Hall->Computers Hall`) is now started on the computer *the server* the bulb of link with the computer on the appropriate indicator, speaking should light up green that all is customized correctly.

If the bulb has not lit up, means, you not so have customized something. Start **setup-s** and check customizations. Only take into account, that changes on client computers will occur only after their reboot.

If nothing quits, check up customizations of the network, ask to help the one who customized the network. Have a look in section resolution of problems.

Customize all client computers and if all has earned, safely may pass further. If you of nothing touched in «**Computers Hall**» [**ComputerZal.exe**] (`Start->Programs->Computers Hall->Computers Hall`), on the client computer the inscription "**SYSTEM IS DISABLED**" or the keyboard, the mouse are disconnected.

# Port blocker setup

If the client part is started under the operation system **Windows 2000/XP/2003** that to you the built-in blocker of ports (network filter) will be accessible. To customize its rules, it is necessary to start the program of customization of client part SetupClient2.exe and to press the button "Network filter setup". Then it is necessary to enable network filter, having placed an appropriate tick. So the window of customization of a blocker of ports looks:
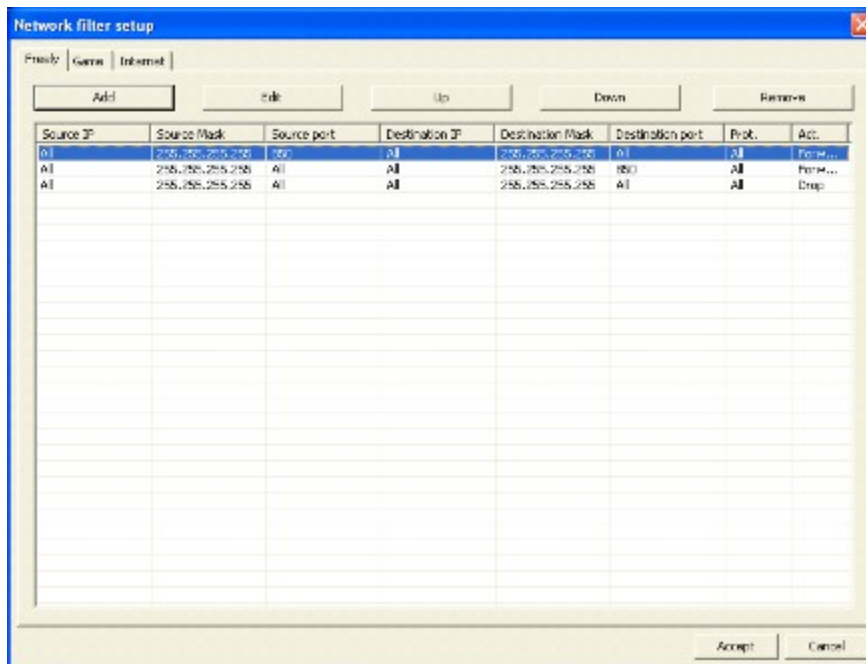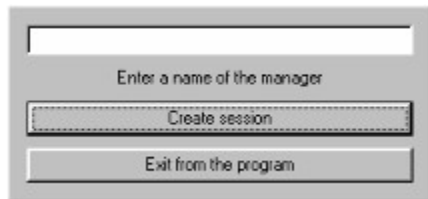


You have a possibility to customize the locking of ports for three operating modes of the program: *Freely*, *Games* and the *Internet*. Rules can be entered and edited, pressing appropriate buttons in a top of a window. They will be used from top to down. In an above mentioned example three rules are created. First two allow incoming and outgoing packets on all protocols for port **850** (which it is by default used by the program). The third rule prohibits all other network connections. Thus, in a case when for a computer it is not paid, the client part of the program will work only.

With the help of this functionality you can easily customize policy of network rules of your club. If it is required, allow to use in a mode of games network games, thus having prohibited usage of Internet Explorer (**TCP** ports **80**, **3128**, **21** and so forth) and other programs.

Network rules are saved in file **CZ2IPF.cfg** so you do not need to customize them on each client computer. You can simply copy this file on other computers.
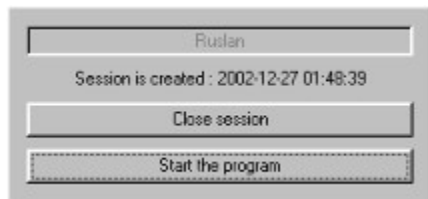
# Customization of server program

Before customization **«Computers Hall» [ComputerZal.exe]** (`Start->Programs->Computers Hall->Computers Hall`), is required to tell about the common scheme of operation with the program. When the manager takes up session, he starts «**Computers Hall**» and sees on the screen:



He enters the name and presses the button "*Create session*". There is a cache of names of managers so it is possible to press arrows (up and down) to scroll through familiar names. Program will try to guess a name of the manager by its first letters.
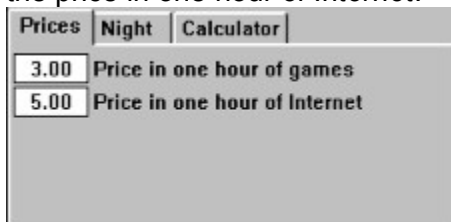


Then presses the button "*Start the program*". Works with the program all session. When session is ended he quits the program and positively answers the offer to close session.

So, when the general scheme of operation with the program is clear, we shall proceed to its customizations.

Start **"Computers Hall"**. You will ask the password. Think up it, enter also it to be remembered. It is the password on an entrance in the program **"Computers Hall"**. At a next run you will need to enter this password.

Enter the price in one hour *of games* (at the left bottom of the window a tab *of "Prices"*), the price in one hour *of Internet*.



Fill (a tab *"Night"*) an operating time in hours of the night mode, for example, enter

numbers **23** and **5** if the night mode works since **11** evenings till **5** mornings. Enter the price for which the person will play all night and the price for which it is possible to work in the Internet all night.

| Prices | Night | Calculator |
|---|---|---|
| 23 - 5 | Operating time in hours | |
| 10.00 | Price for night of games | |
| 15.00 | Price for night of Internet | |

Frequently practices to give to paid time some free-of-charge minutes "*on customization of the computer*". For input of quantity of these minutes, press the button *"Function"*, then "*Time for customization of the computer*". Enter into appeared window the necessary number of minutes and press *"ÎÊ"*. Now to paid time this number of minutes on customization (if you do not want to give time for customization, at addition of time hold pressed **Ctrl** key) will be added.

Management of the Internet is passed the external module. When it is necessary to change the status of the Internet the program causes **inet.bat** with two parameters. The first: number of a computer, since **1**, the second: the number - status which needs to be established to a computer. Statuses three: **0** – to switch off the Internet, **1** – the game Internet, **2** – the usual Internet. Thus If the program needs to give usual access in the Internet to a computer **10**, she causes **«inet.bat 10 2»**. On the basis of the aforesaid you can write the **inet.bat** a file which will open/close access to the Internet taking into account a configuration of your club.

For simplification of realization of disconnect of the Internet the file **inet.bat** now is caused as well on *a client* part (when it is necessary to change the status of the Internet). As against server `inet.bat`, client only one parameter is transferred, namely:

```
0 - Disconnect the Internet
1 - Internet in a mode of game
2 - Usual Internet
```

Example of realization of such file:

```
IF %1==0 GOTO OFF
IF %1==1 GOTO GAMES
IF %1==2 GOTO INET
GOTO QUIT
:OFF
route delete 0.0.0.0
GOTO QUIT
:GAMES
route delete 0.0.0.0
GOTO QUIT
:INET
route add 0.0.0.0 mask 0.0.0.0 192.168.0.1
GOTO QUIT
:QUIT
```

For client computers this file should is in the catalogue of a client part, near to files **Client2.exe**, **SetupClient2.exe**.

The program is completely customized and it is possible to begin <u>acquaintance with the interface</u>.

# Server program interface

On a workstation of the manager of a game hall the program **"Computer's Hall"** [**ComputerZal.exe**], (`Start->Programs->Computers Hall->Computers Hall`) should be permanently started. So the main window of the program looks:
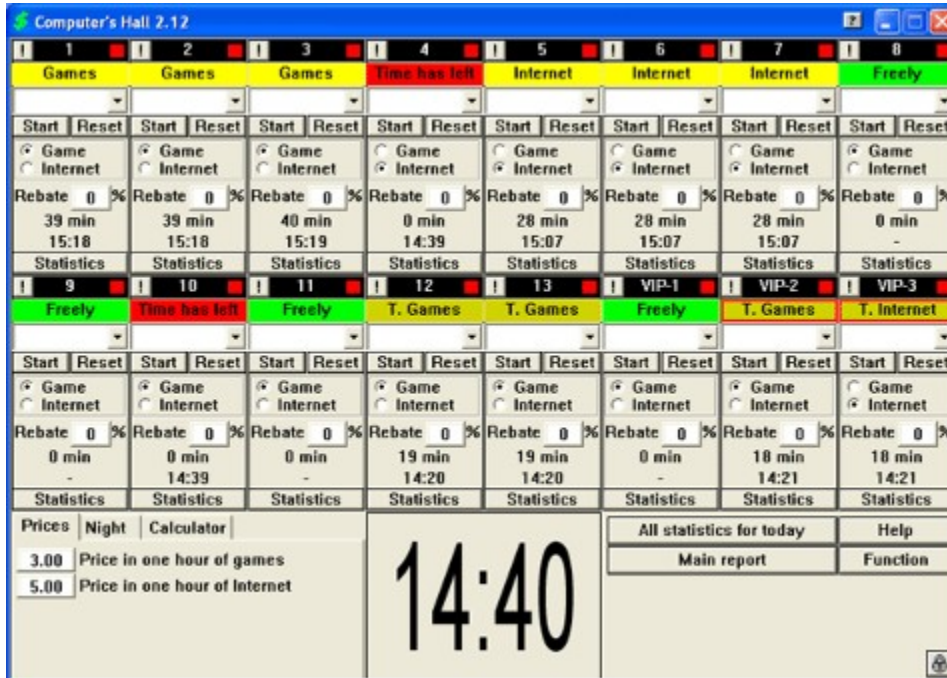


You see **16** rectangular numbered areas which are named *as indicators*. Each *indicator* shows a current state of one of *client* computers in a hall. In a demo of the program only **4** *indicators* (it, by the way, unique difference from the complete version of the program). We shall consider more in detail one of *indicators*.



In the left upper corner the button with a shrick is located. It is intended for access to the additional functions operating on this *indicator* (in more detail these functions will be considered further).

More to the right of this button number *of the indicator* (in this case **15**) which corresponds to number *of the client* computer is written. Still the bulb which in a picture shines red more to the right is located. It means, that there is no link with *the client* computer. In a normal state it should shine green, that means, that *the client* computer number **15** to be under the control of *the host*. Red it may light up only in several cases:

- On *the client* computer *the resident* part (**Client2.exe**) is not started either it is incorrectly customized, or it have disabled.
- *The client* computer reboots or is switched off.

For *the chief* of a game hall who has gone to make check, burning of a bulb red should mean, that, probably, him deceive also to him it is required to fulfill the following operations: To learn a reason from *the manager*. Probably, the computer simply does not work. Probably, the computer has hung up, and it reboot. That the computer reboots, may mean the following. *The manager* gives someone to play by cash department, i.e. has simply disabled the password *a client* part, has put persons, money to itself in a pocket, and time has not entered into the program. *The manager* has seen the coming *master*, has given the sign to reboot the computer (after reboot *the client* part to be started), itself has fast entered time. To trace such deceit rather it is not difficult. First, it is necessary to pay attention to the persons, sitting for the computer **15**. Probably, it is comrade *of the manager* who has come to play free-of-charge. Remember him. If such reboots will coincide frequently with audits - draw output. Second, it is necessary to pay attention for a while stayed up to the end of operation of the computer. Chances, that the person has paid then when you come *(master)* very little. And if on *the indicator* the equal number of minutes of type **60** shines, and under the report have only just paid, reflect, probably, payment have made hastily, at the moment of your entrance. Also in case of a deceit comrade *of the manager* fast might rise, press reset on the computer and depart aside. Pay attention, computers in themselves do not reboot. Come to look at operation of the program **"Computers Hall"** more often and it will help to catch violations, or, in other words to increase profit on a hall.

It is necessary to add, that with introduction to "*Main report*" columns "W*ithout link*", for the chief need passes to make these audits since in the report common time without link, and if it will be within the framework of reasonable everything is all right and if links there were no, for example, **7** hours it is not normal, and, probably, from you have hidden profitable night will be displayed.

Now we shall rise on a place *of the manager*. Bulbs should shine green. If suddenly one of bulbs has lit up red, and the computer continues operation, on the spot clarify a reason. Probably, *the client* part was disabled by the local hacker, sat instead of playing/working in the Internet to spoil to you the computer. Clear up a reason of disconnecting *of a resident*. To remove *a resident* from *the client* computer on **CTRL-ALT-DEL** it is impossible. Include *a resident*, and, in the further, watch operation of this person. Remember, time without link may lay in reasonable frameworks, and exceeding of them may be considered as larceny.

So, *the manager* should watch presence of link with all *client* computers and, in case of its break restore it.

Client computers at loss of communication with the server are independently blocked on an exit of time.

Let's continue learning *the indicator*. Below we see an inscription "*Freely*". This current state of the computer. States only six: *"Freely"*, *"Games"*, *"Internet"*, "*Time has left*", "*Timer of*

*the games*", "*Timer of the Internet*". It is obvious, that in states *"Freely"* and "*Time has left*" on *the client* computer the tablet "**SYSTEM IS DISABLED**" hangs, or the keyboard and the mouse is locked, i.e. operation before payment is impossible.

Free-of-charge operation on the computer is selected. If the computer occupied in the mode of free-of-charge time (with pressed **Shift** button) the status of the appropriate indicator is outlined by a red rectangle:



It is necessary to notice, that correctly to put persons on free-of-charge time, it is necessary to clamp **Shift** button and having entered a reason, instead of entering **100**% the rebate. There is no need to use **100**% the rebate. Moreover, since version **2.0** you any more will not enter **100**% the rebate.
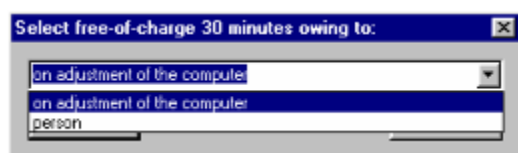


If you want to change this list, create in the directory of the program a text file **freestrings.cfg** which each line will be the item of the dropping out menu. For example:

```
Person Serezha Ivanov
Person Alexey Petrov
Person Anna Borisova
On customization by the manager
```

We look below and we see the window of input. Here to be entered time on which the computer is engaged. It is possible to not enter time hands and to select from available, having pressed the button on the right and having selected from the dropped out window. In the dropping out window we see number of minutes **20**, **30**, **40**, **60**, **120, Timer** and **Night.** Input **Night** means payment under the tariff "*for all night*". And in *the report* time prior to the beginning of the night mode (under the usual tariff) plus the night mode (under the night tariff) will be counted. After enter time of payment, select the mode of payment (*"Games"*, *"Internet"*), enter the discount, and press the button *"Start"*. *The client* computer will be unblocked on indicated time, and in *the report* there is an appropriate recording.

At choice **Timer** (or input of latin **"t"** character or **"T"**) and pressing the button *"Start"* operation in the mode *"timer"* is started. In this mode the computer will be unblocked and operation before pressing the button *"Reset"* is possible. After pressing the button *"Reset"*, in the window of input of the appropriate indicator there is a sum which is required to be taken from the person for fulfilled time. Pay attention, that this sum will be counted up according to the tariff which was selected at the moment of start of the timer. Thus, before start of the timer it is necessary to select *"Games"* or *"Internet"*, the discount to check up or the price for a business hour it is correct.

In windows of input of time it is possible to enter directly the sum of payment. To distinguish the sum of payment from time, at input of the sum you should use a comma or a point. For example, having entered into the window of input of time: **30** it is treated as **30** minutes; **30.** as **30** dollars; **30,** as **30** dollars; **30.0** as **30** dollars; **30.5** as **30** dollars **of 50** cents; **30,0** as **30** dollars.

Landing to the fixed time with disbursement is implemented at the end of operation. It is convenient, for example, then when the person wants to pay for a business hour but has no possibility to come off a computer. In this case, the manager before a time of disbursement puts a shrick. After pressing reset in the window of input of the time/sum of disbursement the duty will be written. At any time it is possible to liquidate a debt. For example, if it is required to put on one hour with disbursement in the extremity, in the window of input of disbursement we write **!60**.

It is possible to set contents of the dropping out menu with choice of minutes. By default on choice it is given **20**, **30**, **40**, **60**, **120**, **Timer**, **Night**:
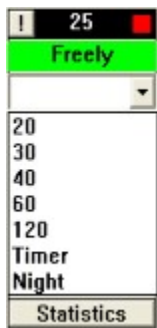


If you want to change this list, create in the directory of the program a text file **combotime.cfg** which each line will be the item of the dropping out menu. For example:

```
10
15
20
25
30
35
40
45
50
55
60
120
180
Timer
Night
```

That the changes brought in this file, have come into force, it is required to restart a server part of the program (**"Computers Hall"**).

Buttons *"Start"* and *"Reset"* are below located. The button *"Start"* press, when it is

necessary to put persons on defined time (in the window of input of time simply it is possible to press ENTER; TAB - transition to the following indicator; ESC - clearing of the indicator) or to prolong time. *"Reset"* press, when time for the person has quitted, and he any more does not pay in addition, or when the person leaves earlier, (money do not come back), for example, at payment for all night it wanted to person to sleep and he has left at one o'clock before the end of paid time.

Free-of-charge operation behind the computer is taken into account. For example, when the manager needs to customize the computer or when there comes to play "the person". For this purpose before pressing of the button *"Start"* we clamp **Shift**. Further in appeared window it is selected or we enter a reason, we press "*ÎÊ*". I shall remind, that if at pressing the button *"Start"* will not clamp **Ctrl** time *for customization* is added.

Two radiobuttons of choice of the mode of payment of operation are below located. Before pressing of the button *"Start"* it is necessary to select the mode: *"Games"* or *"Internet"*.

Even below the window of input *of the rebate* is located. *The rebate* may be both positive, and negative. The negative *rebate* was made because of sometimes two persons for one computer sit and pay doubly. Then enter *the negative discount* of **-100**%.

Even below we see number of the minutes which have stayed up to the end of paid operation. In this case "**0 min**" since the computer is free. When time quits, *the client* computer is locked with output of not closed window (or the keyboard lock, a mouse), occurs the status "*Time has left*", but minutes will run in the negative side that enables to understand how for a long time there was time. If the person pays, paid time will be added on by the end of the last payment. If it is necessary for you, that time of payment from a present situation was added, press *"Reset"*, and then enter time. If the computer works in the mode of the timer this number is treated how the number of the fulfilled minutes. In the mode of the timer, at click by the left button of a mouse on this number the quantity of money which the user should for fulfilled time will be shown.

Even below we see time when the computer becomes free if the computer is free, instead of time there is a crossed out section. In the mode of the timer this time of start of the timer.

At the very bottom we see the button *"Statistics"*. Pressing of this button *the indicator* carries on to start of the program "*Review/the analysis/printing of the report*" **[LOG3View.exe]** where you can view/print out *statistics* on the given computer, for current session. More in detail about the program "*Review/the analysis/printing of the report*" further.

It is necessary to mention that when remains **5** minutes up to the end of time, the voice version of the program **"Computer's Hall"** speaks through columns *of the host* "**Computer [N] remained 5 minutes**" and when time quits, speaks "**Computer [N] your time has quitted**". All sounds lay in directory **SOUND** and if something do not like, it is possible to write the and to put there, under the same names.

Now we shall consider the bottom of the window of the program, located under all *indicators*. In the middle of this area we see the big, convenient hours.

On the right two big buttons "*All statistics for today*" and "*Main report*". Pressing of them results in start of the program "*Review/the analysis/printing of the report*". In the first case

*statistics* for current session on all computers will be shown. In the second case "*The main report*" (the table where the earned money are visible, fulfilled time, time without the link, free-of-charge fulfilled time) will be shown.

At the left we see tabs *of "Prices"*, *"Night"*, *"Calculator"*. Assignment of tabs *of "Prices"*, *"Night"* was considered earlier (in section *Customization* **"Computers Hall"** [**ComputerZal.exe**]).

In a tab *"Calculator"* the convenient *calculator* on which we shall stop is located:



*The calculator* is intended fast to consider, how many time is possible to work, having paid the defined sum of money and, on the contrary, how many it is necessary to pay to work defined time. For example, the person wants to learn, how many he needs to pay for **90** minutes of games. We enter number **90** in the window near to words "*min. of games*". On the spot, more to the left, we see, how many it is necessary to pay. The window where it is possible to enter the rebate which will be taken into account at calculations on this calculator is at the very bottom located.

On the right are located: the button *"Help"*, having pressed on which you can read the description of the program; the button *"Function"*, having pressed it, get in the menu of additional functions. In this menu buttons for which on the main screen of the program it was not found places will be located.

If the manager needs to leave somewhere, he can block a server part of the program under the password. For a unblocking the password on an entry the program is introduced. The locking by pressing the button with the map of the lock (or CTRL+L) is activated.

Let's consider the menu of additional functions («*Function*» button).



Having pressed "*List of release of computers*" we shall receive the window in which

computers will be sorted on "*release order*":
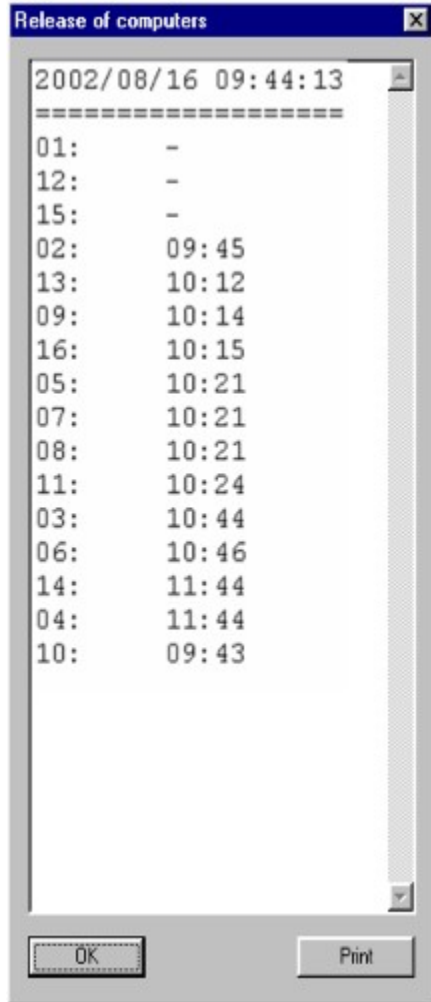


At the top of the list free computers (**1**, **12**, **15**), what will soon be released, under the order of release (**2**, **13**, **9**, **16**, **5**, **7**. **8**, **11**, **3**, **6**, **14**, **4**). The latter in the list goes the computer **10** which is started in the mode of the timer and time of its release is not known. It is possible to print out this list. In some clubs from time to time it is accepted to hang up this help on a door of a computer hall and waiting people always keep abreast of such things, as: "how many computers freely?", "when the computer number **14** will be released" etc.

Having pressed "*Time for customization of the computer*" you can enter number of minutes which will be added free-of-charge to paid time into appeared window.
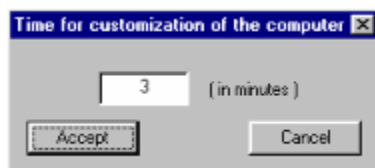


Having pressed *"Automation"* opens the window in which it is possible to force to fulfil
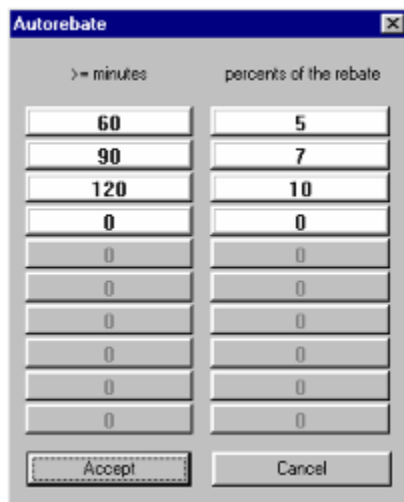
the program many things automatically:
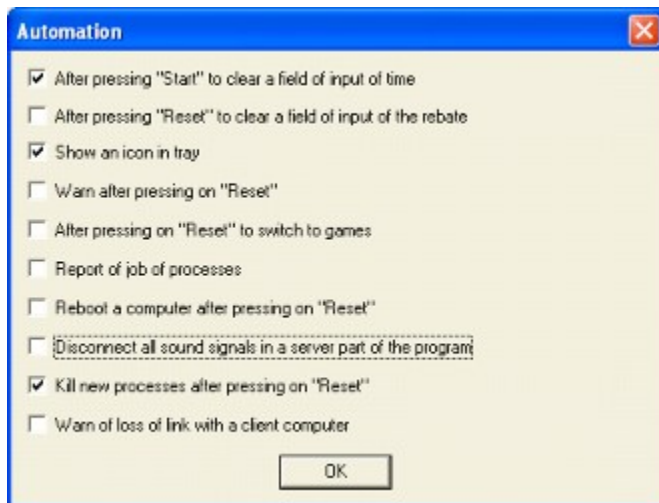


- After pressing *"Start"* to clear field of input of time - it is made that managers accidentally have not pressed *"Start"* twice.

- After pressing *"Reset"* to clear a field of input of the rebate - it is convenient, when the discount in your club is used not frequently.

- Show an icon in tray - the program will start to be minimized in tray and will not take a place in a task bar.

- Warn after pressing on *"Reset"* - will prevent stray keystroke on *"Reset"*, after each pressing warning will be output.

- After pressing on *"Reset"* to switch to games - if in your club there is no Internet or games are used more often, place this tick.

- Report of job of processes - protocols of operation are carried on in directory **LOG\ PROCESS** as usual text files. A filename - number of a computer. Each line represents time in square brackets and path to the started file of the active task on that moment.

- Reboot a computer after pressing on *"Reset"* - in some clubs it is considered convenient after operation of any user to reboot a computer.

- Disconnect all sound signals in a server part of the program - if sounds prevent, having placed this tick, all sounds will disappear.

- Kill new processes after pressing on *"Reset"* - it is made that after operation of the user did not remain the programs started by him. The function is rather difficult in implementation, therefore does not guarantee removal of all processes, but generally works perfectly, very conveniently.

- Warn of loss of link with client computer – in case of loss of connection with client computer, there will be a warning:

16:17:45

⚠ Link with a computer 3 is lost

OK

Having pressed *"Autorebate"* opens the window of input of the table *of the autorebate*:



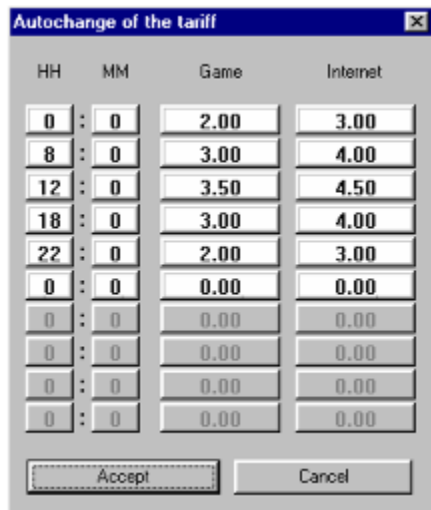| >= minutes | percents of the rebate |
|------------|------------------------|
| 60 | 5 |
| 90 | 7 |
| 120 | 10 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 0 | 0 |

Accept    Cancel

What is *the autorebate*. Many computer halls render services in a principle "more time will buy - pay less". The given extension of tariff policy is realized as the table with columns: minutes, the rebate. For example:

| 60 | 5 |
|----|----|
| 90 | 7 |
| 120 | 10 |

At such scheme of payment, the person, paying from **60** minutes of operation (including **60**) receives the automatic discount in **5**%. Having paid for **90** minutes and it is more - than **7**% of the discount (rebate). For **120** minutes (**2** hours) and it is more - than **10**% of the rebate. Thus, the manager does not need to enter the discount into the indicator hands any more, it will be entered automatically, on quantity of minutes of payment. Also the rebate will be taken into account at payment in the mode of the timer. If the manager will enter the rebate also into the indicator rebates will be combined.

Having pressed "*Autochange of the tariff*" opens the window of input of the table *of autochange of tariffs*:

**Autochange of the tariff**

| HH | MM | Game | Internet |
|---|---|---|---|
| 0 | 0 | 2.00 | 3.00 |
| 8 | 0 | 3.00 | 4.00 |
| 12 | 0 | 3.50 | 4.50 |
| 18 | 0 | 3.00 | 4.00 |
| 22 | 0 | 2.00 | 3.00 |
| 0 | 0 | 0.00 | 0.00 |
| 0 | 0 | 0.00 | 0.00 |
| 0 | 0 | 0.00 | 0.00 |
| 0 | 0 | 0.00 | 0.00 |
| 0 | 0 | 0.00 | 0.00 |

Accept    Cancel

In this table **4** of a column. First two "HH" and "MM", this time (hours, minutes) when there will be an autochange of the tariff with the prices indicated in the third and fourth column. Thus if the hall works under different tariffs in different time, the manager should not remember any more when to switch the tariff, he will be switched automatically.

Having pressed "Roundoff of payment" the window of input of the sum up to which payment will be rounded off opens. The given function will save you of fuss with copecks (cents). For example, in some clubs of Ukraine it is accepted to round off the sum of payment up to 50 copecks (cents).



**Round off payment up to:**

0.5

OK
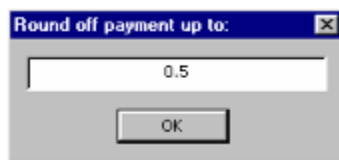
Having pressed "*Reboot all computers*" the server will transmit the command of reboot to all client computers which are taking place on link. The button "*Switch off all computers*" similarly operates.

Having pressed «*List of active processes*» we shall see a window (contents dynamically vary in time) with the list of active tasks of each of client computers:

**The list of active processes**

| N | Process |
|---|---|
| 1 | C:\GAMES\diablo.exe |
| 2 | C:\GAMES\gta3.exe |
| 3 | C:\PROGRAM FILES\ACCESSORIES\MSPAINT.EXE |
| 4 | C:\GAMES\Half-Life\hl.exe |
| 5 | C:\GAMES\Half-Life\hl.exe |
| 6 | C:\GAMES\Half-Life\hl.exe |
| 7 | C:\GAMES\Half-Life\hl.exe |
| 8 | C:\GAMES\Half-Life\hl.exe |
| 9 | C:\GAMES\Half-Life\hl.exe |
| 10 | C:\GAMES\SOF2\sof2.exe |
| 11 | C:\GAMES\Half-Life\hl.exe |
| 12 | C:\GAMES\Half-Life\hl.exe |
| 13 | C:\GAMES\Half-Life\hl.exe |
| 14 | C:\GAMES\Half-Life\hl.exe |
| 15 | C:\GAMES\Half-Life\hl.exe |
| 16 | C:\GAMES\Half-Life\hl.exe |

[ Cancel ]

Having pressed «*Lists of processes*» it is possible to edit *"Black"* and *"Alarm"* lists of processes.



**Lists of processes**

[ Black list ]

[ Alarm list ]

[ Cancel ]
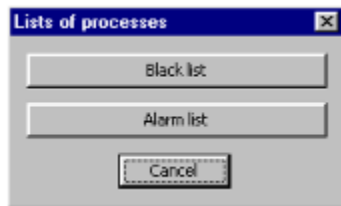
Each line of the corresponding list in an operating time of the program is searched in a name and a way of active process and if concurrence is found, there is a certain action. For *the black* list there is a sending to the client of the command «*remove active process*», for the alarm manager on a computer there is a window in which it is visible, that such computer has started during such time the application from *the alarm* list. For example, if to enter the black list so:



**Black list**

MSPAINT
SYSE

[ Accept ]        [ Cancel ]
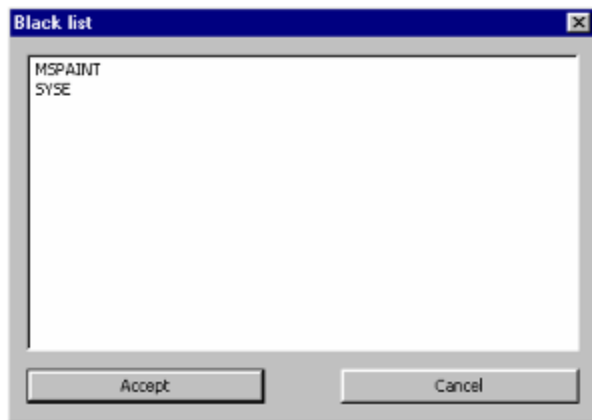
And alarm so:
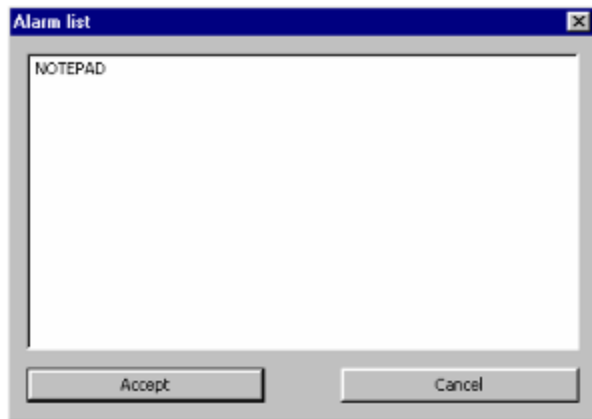
That after start of the editor of the registry it will be closed on a client computer, the same concerns also the calculator. At start of a notepad to the manager the warning message will be sent:
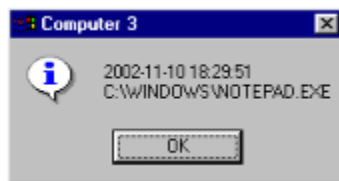


These lists are stored in files **sp-black.cfg** and **sp-signal.cfg** in the directory of start of the program.

In the left upper corner of each indicator the button with a shrick is located. It is intended for access to the additional functions operating on this *indicator*.

Program works in two modes: manager and the boss of club. Installation of security parameters occurs in a mode of the boss of club (in this mode restrictions do not operate). Do not forget to come back from this mode in a mode of the manager. To proceed in a mode of the boss of club, it is necessary to press «*Function->Proceed in the mode 'boss of club'*». For the first time you will ask to think up and enter the password of the boss of club. After switching in a mode of the boss of club, the button becomes red (to not forget will return to a mode of the manager) and on it will be written «*Proceed in a mode 'manager of club'*».

In a mode of the boss of club you can change parameters of safety «*Function->Security parameters*». Restrictions the safety entered by parameters inure after an exit from a mode of the boss of club. In security parameters it is possible to forbid for managers to edit the prices, discounts, time for customization. It is possible to replace the passwords used in the program, to impose restrictions on work with reports. Using time for cancellation of operation, it is possible to limit false cancellation of operations by managers. Recommended value of this parameter is **2-3** minutes. The limit of free-of-charge time for session will noticeably lower quantity of free-of-charge fulfilled time.
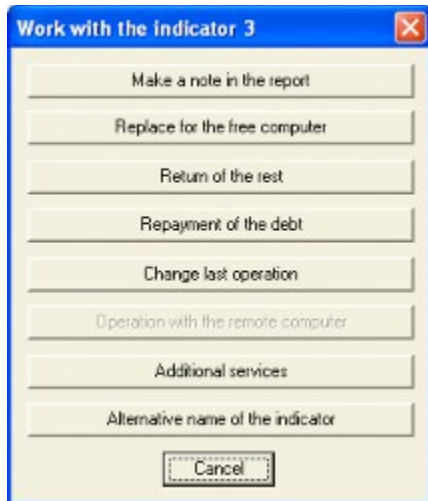
At pressing the button "*Make a note in the report*" on the screen the window in which text of a note will appear is possible to enter. This text will be brought in *statistics* of operation. It can be used, for example, when it is necessary to remember, that we shall tell, headphones do not work.

Pressing on "*Replace for the free computer*" will output the window with buttons:
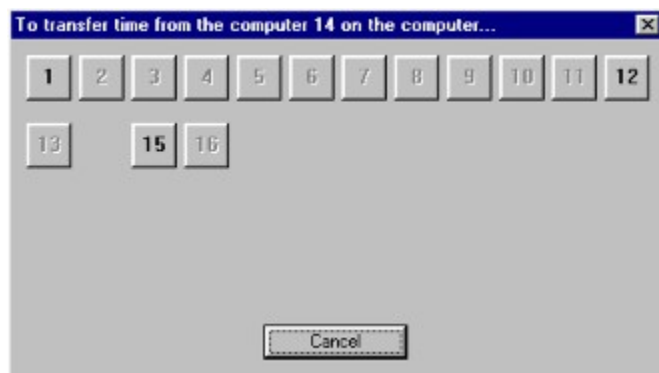


Numbers on buttons correspond to computers. It will be impossible to press the button appropriate to the occupied computer and, naturally from which there is a change. Thus if we should replace for any reason (for example, the game is not started) persons on other computer, we press "!" on the indicator of the computer with which we replace, then we press "*Replace for the free computer*" and we press the button of that computer for which we replace persons. In this case we want to replace person from the computer **14**, free computers on which it can be made **1**, **12**, **15**.

Pressing "*Return of the rest*" enables to return money for stayed time. On the screen the window with the instruction of the sum of return and two buttons for confirmation or cancellation of this operation will be output.

Pressing on "*Repayment of the dept*" enables to liquidate an available duty, for example, arisen in case of the postponed disbursement.

Pressing on "*Change the last operation*" you may to change the last erraticly entered

operation. For example, you instead of *the Internet* have selected *games*. In the same place there is a button *"To cancel"* on which operation *is cancelled*, but take into account, that time from the moment of the operation up to the moment *of dissolving* is taken into account free-of-charge and it will be visible in "M*ain report"*.

Pay attention, that some windows of it the menu are automatically closed, if within approximately **20-30** seconds from you has not followed operations.
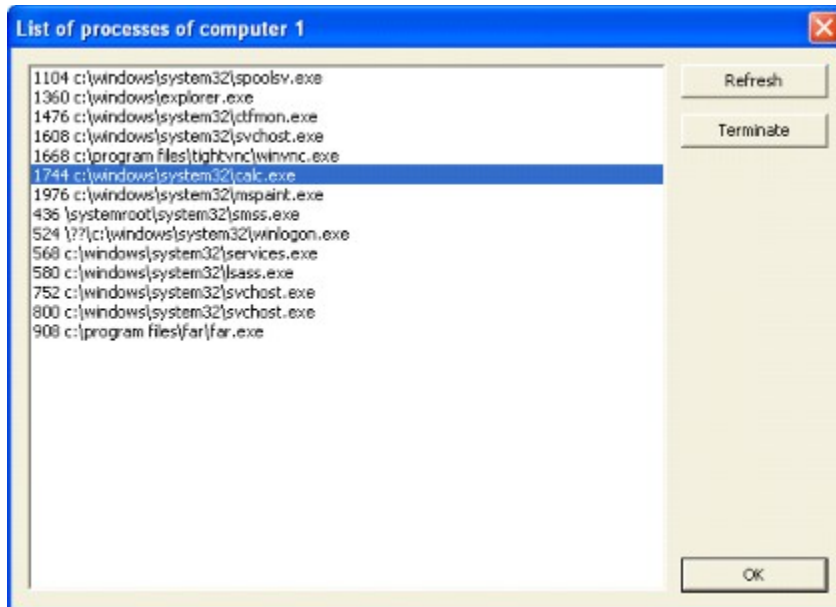
The button "*Operation with the remote computer*" is active then when there is a link with the given client computer. At pressing it there is a following dialog box:
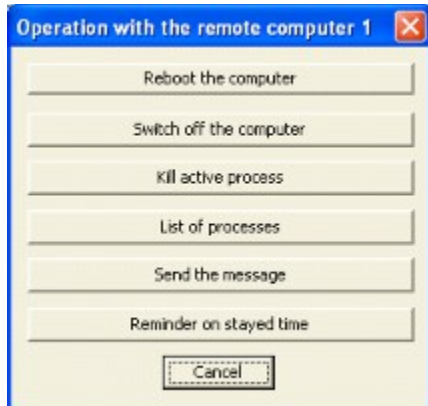


You have possibility to reboot or switch off the remote computer. Attention of users of a **Windows 98SE!** There is an official patch from the Microsoft, deciding a problem of turn off of the computer under this operating system (both for Russian and for the English version).

There is an opportunity *to kill the active process* started on a client computer. Such opportunity will be useful, if you will see, that the "forbidden" program (for example, the editor of the registry) is started or at the person time has left, and from game he to leave has not had time.

Having selected «*List of processes*» there is a possibility to view the processes started on client computers (not only active) and, if necessary, to terminate them. List of processes is automatically updated each 10 seconds. In the list it is possible to see process identifier (PID) and path to it.

**List of processes of computer 1**

```
1104 c:\windows\system32\spoolsv.exe
1360 c:\windows\explorer.exe
1476 c:\windows\system32\ctfmon.exe
1608 c:\windows\system32\svchost.exe
1668 c:\program files\tightvnc\winvnc.exe
1744 c:\windows\system32\calc.exe
1976 c:\windows\system32\mspaint.exe
436 \systemroot\system32\smss.exe
524 \??\c:\windows\system32\winlogon.exe
568 c:\windows\system32\services.exe
580 c:\windows\system32\lsass.exe
752 c:\windows\system32\svchost.exe
800 c:\windows\system32\svchost.exe
908 c:\program files\far\far.exe
```

Refresh
Terminate
OK

For completion of the process, it is necessary to select it from the list and to press the button "*Terminate*". There is no possibility to terminate system processes.

We can send the text message to the working client. For this purpose it is necessary to choose item «*Send the message*». Further we enter the message (it is possible multiline text) and we press *button "Accept"*. The client receives the message:



**Send the message**

Dear user!
Please, behave cultural!

Accept        Cancel
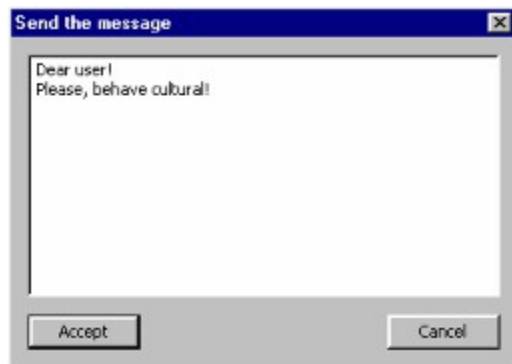
Each client computer can activate function of a reminder about stayed up to the end of job of time (or, in a mode of the timer, what is the time we have already fulfilled). For this purpose it is necessary to choose item «*Reminder on stayed time*». There it is necessary to put a tick «*Activate a reminder on stayed time*» and to choose speed of updating of a reminder in seconds. The reminder will appear in the left upper corner of the screen, through the set periods and to remain on the screen within 3 seconds. Having placed a tick «Remind 5 minutes prior to the end of time», reminder will appear, when there will be 5 minutes of operation and less. You can customize reminding messages in the **SetupClient2.exe** program.
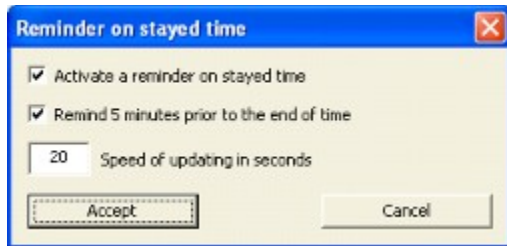
For convenience of work, the opportunity to give to indicators *alternative* names was added. This function from the menu of the indicator, the button «*Alternative name of the indicator*» is caused. For example, it is possible to rename computers **14**, **15**, **16** in **VIP-1**, **VIP-2**, **VIP-3**.

Names of indicators are stored in a file `altnames.cfg` in the catalogue of start of the program.

By pressing the button «*Additional services*» there is a dialogue of job with any additional services. For example: printing, scanning, recording of disks.
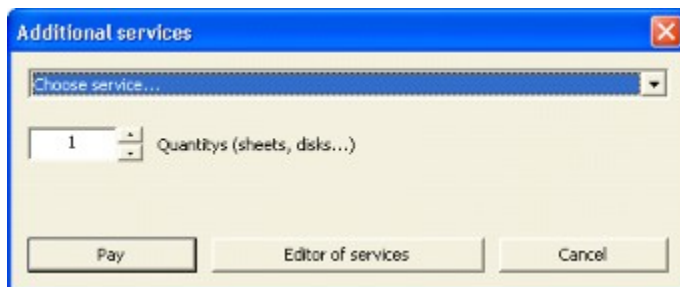


Let the person wants to print out **10** black-and-white sheets. We choose service «*Printing b/w*», we enter quantity **10** and we press *button "Pay"*. If required service no, it can be added always, having pressed the button «*Editor of services*». The editor of services looks so:
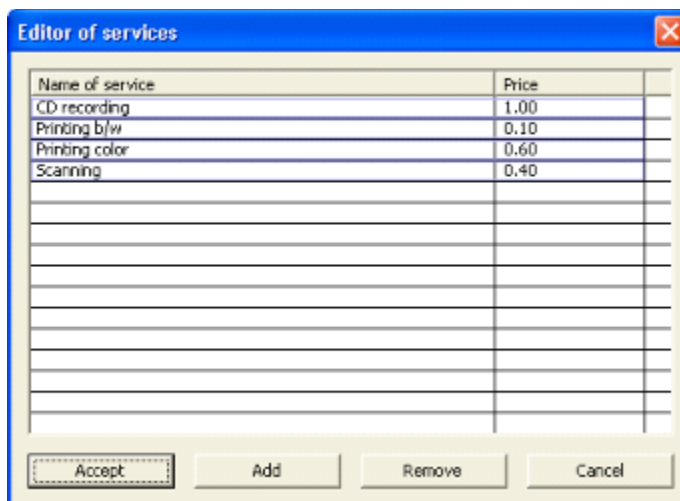


*Button "Add"* adds new service (with the empty name and the price). *"Remove"* deletes the current chosen service. To edit the name of service or the price of unit it is necessary to click

simply the left button of a mousy in a required field.

Names of services and the prices for unit are saved in a text file **addserv.cfg**.

Near buttons "*Minimize*", "*Maximize*", "*Close*" the fourth button with drawn is created is familiar a question. Having pressed this button, the information window in which it is possible to see the version of the program opens, the information on the owner of a copy, coordinates on which it is possible to communicate with me, the Internet Addresses connected to the program.

# Reports: review, analysis, printing

Now we shall consider the window of the program "*Review/the analysis/printing of the report*" **[LOG3View.exe]** (`Start->Programs->Computers Hall->Report View`):
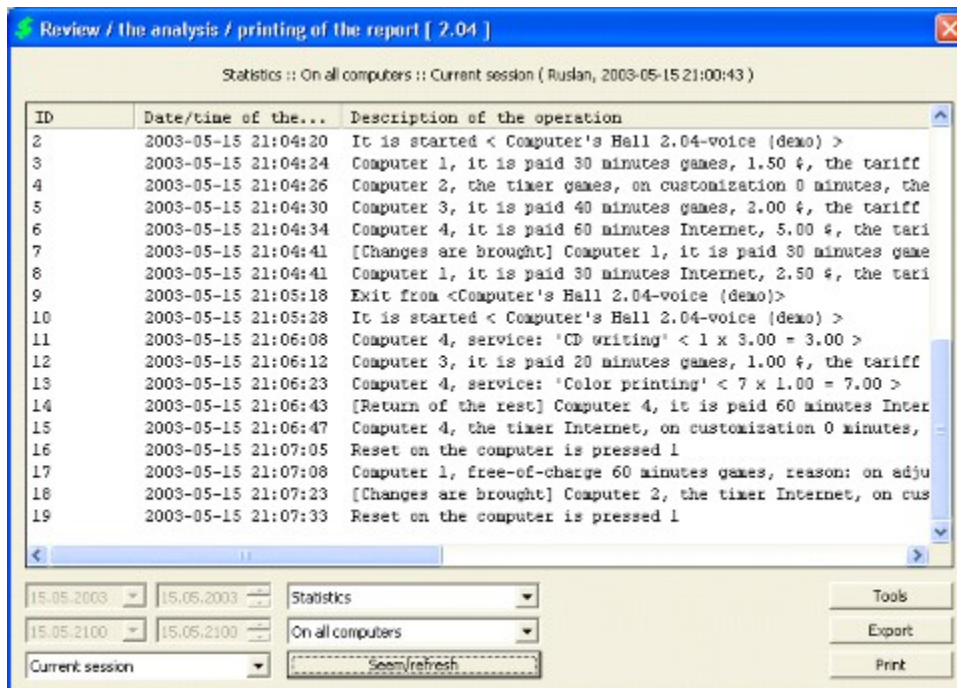


On line from above [ `Statistics::On all computers::Current session (Ruslan, 2002-08-24 12:03:30 )` ] it is visible, that the type of the shown report *"Statistics"*, time for which goes show "*Current session*", the name of the manager *«Ruslan»* and time of opening of session further is visible.

Below this line we see the big rectangular area in which the data of selected type of the report are output. In this case it is lines of statistics.

We look even below. At the left we see the window of choice of time for which the report is shown. In this case it "*Current session*". The beginning of session (**24.08.2002 12:03:30**) and the end of session (**24.08.2100 12:03:30**) above is visible. Since we do not know, when session will be completed, its year **2100**. If to select the mode "*Choice of session*" to us will offer the window from which we can select the previous sessions for the analysis. The mode "*Current day*" will show the report for current day, "*For all time*" will show the report since **1990** on **2100**. At choice "*Choice of time*" windows of input of the beginning and the end of an interval for which you want to see the report begin accessible.

More to the right we see the window of choice of the report. Now there *"Statistics"*. Each of sorts of reports further will be in detail considered.

Below there is a choice of the mode "*On all computers*". If the report allows, it is possible to look it only on any defined computer.

Even below there is a button *"Seem/refresh"*. At its pressing from base the data are extracted, parsed and on them the report is created.

Still more to the right we see the button *"Tools"*. After pressing it the following window will appear:
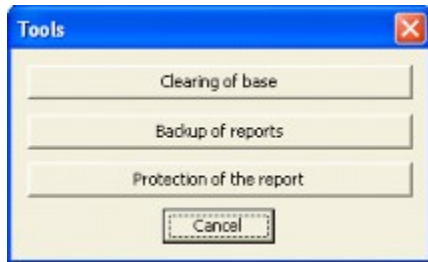


At choice "*Clearing of base*" will appear the window:
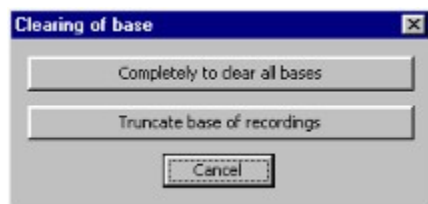


Having pressed the first button it is possible to return the program to "protogenic sort", having deleted all recordings in all bases. **Be cautious!**

Having pressed on "*Truncate base of recordings*" to appear the window:



At the top of this window we see the line, indicating current number of recordings in *base of the program*. There may be reasons not store *base of the program* for all time. It is possible to truncate base up to the necessary number of recordings or to delete all recordings before the given date. In the first case it is necessary to enter into a field where now **"0"** number of recordings which you want to leave and press the button "*Truncate up to number of recordings*", it is necessary to select date from the second case and to press the button "*Truncate before date*".

Having pressed «*Backup of reports*» the window will appear:
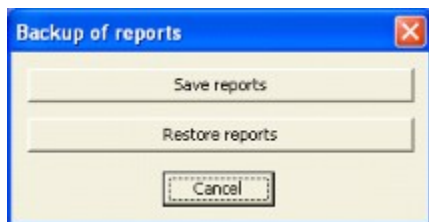
In it the menu you can execute reserve backup or restoration of reports. Pay attention, that at restoration of reports - old reports leave.

Having pressed on «*Protection of the report*» will appear an opportunity to protect the report from extraneous eyes and to limit his review to the manager:



There it is possible to put a tick if password protection of reports is necessary. Enter the password *of the owner* of club and the password *of the manager*. There is a group of restrictions for *the manager* below. Choose required of them. Press button *"Accept"*. At the following reference to the report of you will ask the password. Under the password *of the owner* of club you can do everything, under the password of the *manager* – only that remained after the imposed restrictions. The attention, is extremely desirable to put both passwords at once. Even if you do not hide the actions from *the manager* or from someone. The matter is that if *the manager* then casually or will specially put these passwords – access to base at you will not be!

Button *"Export"* allows to save a file of the report in a text file.

Below we see the button *"Print"*, on pressing on which the current report will be printed out. There is an equivalent combination of keys "CTRL+P".

Now in detail we shall consider each of reports.

# *Statistics*

```
Statistics :: On all computers :: Current session ( Ruslan, 2002-08-24 12:03:30 )

ID      Date/time of the...   The description of the operation
469     2002-08-24 12:07:31   It is started < Computer's Hall 1.84 >
470     2002-08-24 12:07:32   The computer 1 was on link [ 2002-08-16 14:05:46 ]
471     2002-08-24 12:07:32   The computer 3 was on link [ 2002-08-16 14:10:21 ]
472     2002-08-24 12:07:43   Reset on the computer is pressed 25
473     2002-08-24 12:09:19   Exit from <Computer's Hall 1.84>
474     2002-08-24 12:09:51   It is started < Computer's Hall 1.84 >
475     2002-08-24 12:09:51   The computer 1 was on link [ 2002-08-16 14:05:46 ]
476     2002-08-24 12:09:51   The computer 3 was on link [ 2002-08-16 14:10:21 ]
477     2002-08-24 12:14:52   5 minutes a label
478     2002-08-24 12:19:52   5 minutes a label
479     2002-08-24 12:20:39   Computer 2, it is paid 19 minutes games, 0.95 $, the tariff
480     2002-08-24 12:20:42   Computer 3, it is paid 19 minutes games, 0.95 $, the tariff
481     2002-08-24 12:20:43   Computer 4, it is paid 19 minutes games, 0.95 $, the tariff
482     2002-08-24 12:20:47   Computer 7, free-of-charge 4 minutes games, reason: on adjus
483     2002-08-24 12:20:49   Computer 8, free-of-charge 4 minutes games, reason: on adjus
484     2002-08-24 12:21:00   Computer 14, it is paid 49 minutes Internet, 4.08 $, the tar
485     2002-08-24 12:21:02   Computer 15, it is paid 49 minutes Internet, 4.08 $, the tar
486     2002-08-24 12:21:03   Computer 16, it is paid 49 minutes Internet, 4.08 $, the tar
487     2002-08-24 12:24:20   Reset on the computer is pressed 15
```

24.08.2002  12:03:30   Statistics        Tools
24.08.2100  12:03:30   On all computers
Current session        To seem/refresh   Print

Statistics is the complete protocol of all operations of the program for selected period. There is a possibility to view statistics on the defined computer, instead of on all.

The left column of statistics is named **ID**. Each recording done by the program in base receives the following under order **ID**. Thus, **ID** for recordings should go on ascending order, without skips. *The base of the program* is steady against failures and intrusions on the part of *a hacker*, violation described above about following **ID** therefore is improbable as a result of computer failure. Thus, violation about following **ID** may testify to the damage of the report going *by the manager*.

The following column is named "**Date/time of the operation**". Hours on the computer of the manager to translate categorically it is forbidden, this strict requirement to operation *of managers* with the program! In *base of the program* time of each operation is written, that we and see in this column.

The last column - information. In it there is a description of the operation for which recording in *base* is created.

So, statistics allows to study in the most detailed image operations of the program (manager) for any period, on all computers or any selected.

# The main report

Main report :: On all computers :: Current session ( Ruslan, 2003-04-12 20:18:40 )

| N | Games | | | Internet | | | Total | Withou... |
|---|---|---|---|---|---|---|---|---|
| | Time | Money | Night | Time | Money | Night | | |
| 1 | 2:00 | 6.00 | 0.00 | 0:00 | 0.00 | 0.00 | 6.00 | 3:48 |
| 2 | 2:00 | 6.00 | 0.00 | 0:45 | 3.00 | 0.00 | 9.00 | 2:55 |
| 3 | 2:00 | 6.00 | 0.00 | 0:00 | 0.00 | 0.00 | 6.00 | 2:55 |
| 4 | 0:00 | 0.00 | 0.00 | 1:00 | 4.00 | 0.00 | 4.00 | 2:55 |
| 5 | 0:45 | 2.25 | 0.00 | 0:00 | 0.00 | 0.00 | 2.25 | 2:55 |
| 6 | 1:30 | 4.50 | 0.00 | 4:00 | 16.00 | 0.00 | 20.50 | 2:55 |
| 7 | 1:30 | 4.50 | 0.00 | 4:00 | 16.00 | 0.00 | 20.50 | 2:55 |
| 8 | 0:00 | 0.00 | 0.00 | 0:30 | 2.00 | 0.00 | 2.00 | 2:55 |
| 9 | 0:00 | 0.00 | 0.00 | 0:00 | 0.00 | 0.00 | 0.00 | 2:55 |
| 10 | 3:00 | 9.00 | 0.00 | 2:00 | 8.00 | 0.00 | 17.00 | 2:55 |
| 11 | 2:20 | 7.00 | 0.00 | 0:00 | 0.00 | 0.00 | 7.00 | 2:55 |
| | 15:05 | 45.25 | 0.00 | 12:15 | 49.00 | 0.00 | 94.25 | 33:02 |
| | | | | | | | | |
| | Services: | 62.00 | | | | | | |
| | Total: | 156.25 | | | | | | |

12.04.2003   20:18:40   Main report     Tools
12.04.2100   20:18:40   On all computers
Current session    Seem/refresh     Print

Let's consider the table of the main report. In the most left column we see numbers of computers **(01-11)**. Further there are three columns *"Time"*, *"Money"*, *"Night"*, concerning to games and three to the Internet. The column *"Time"*, shows quantity of fulfilled time; *"Money"* - quantity of the earned money, *"Night"* - quantity of the earned money at payment for all night. Further there is a column *"Total"* which each unit is the sum of the earned money of appropriate line.

Under the table we see *"Services"* is a quantity of the money received from sale of additional services (printing, scanning, recording of disks, …). There is a line "*Total*" even below is a total sum of money in cash department.

The column "*Without link*" shows how many *"hours:minutes"* there was no link with the given *client* computer. As I mentioned above, for *the chief* it means, how many the computer was without a control and on how many time, probably, it was deceived *by the manager*. This time should be in reasonable limits. Unfortunately, I can not result average digits since this number very much differs for different clubs.

If time for the computer was selected *free-of-charge* (the sum of payment is equal **0**), in column *"Free-of-charge"* (it is not visible in a picture, more to the right than "*Without link*") common time *of free-of-charge* time will be shown. Time selected on customization of the computer *by the manager*, for the free-of-charge game for *people* when the discount etc was entered **100**% there is summarized.

# The report of safety

The report of safety :: On all computers :: Current session ( Ruslan, 2002-08-24 18:28:15 )

| The parameter of safety | Value |
|---|---|
| Corrupt recordings of main base, for all time | 0, 0 |
| Erratic ID, for all time | 0, 0 |
| It is lost ID, for all time | 0, 0 |
| It is lost 5 minutes of labels | 0 |
| Translations of hours back, for a while | 0, 0:00 |
| The hidden translations of hours back, for a while | 0, 0:00 |
| Rough mismatches | 0 |
| The list of the used prices for games | 3.00; |
| The list of the used prices for the Internet | 5.00; |
| The list of the used prices for night of games | 10.00; |
| The list of the used prices for night of the In... | 15.00; |
| The list of the used discounts, % | |
| The list of time given on customization, minutes | 3; |
| In total it was given on customization, minutes | 66 |

| | | | |
|---|---|---|---|
| 24.08.2002 ▾ | 18:28:15 ⬍ | The report of safety ▾ | Tools |
| 24.08.2100 ▾ | 18:28:15 ⬍ | On all computers ▾ | |
| Current session ▾ | | To seem/refresh | Print |

"*Corrupt recordings of main base, for all time*" - two numbers. First this quantity of corrupt recordings for a selected period, the second - for all time. Recording may be corrupt as a result of computer failure or the going breaking *by the manager*. The this number is less (at the best is equal to zero as in a picture), the *the manager* is more fair.

"*Erratic ID, for all time*" - it was above told, that each recording is numbered by unique number or **ID**. Each following recording the number, on unit the greater, than for previous is given. If this rule is broken, the number "*erratic ID*" increases.

"*It is lost ID, for all time*" - since **ID** are selected under the order, between number skips should not be standing **ID**. I.e. after recording with **ID = 243** there should be a recording with **ID = 244**, instead of **245** or **246**. Violation of this rule, gives increase of this parameter of safety. Again, the this number is less, the to the master it is better, operation with the program was more correct.

"*It Is lost 5-minutes of labels*". It is very convenient way to be sure, that the program **"Computer's Hall" [ComputerZal.exe]** was started. Each **5** minutes **"Computers Hall"** does a flag in the report, that I am, I work. Thus if *to the manager* the idea will come in a head to arrange dirty trick on principle of disconnecting of the program - this digit will begin to grow fast. I.e. disconnecting **"Computers Hall"** will increase this digit by one hour on **12**. It is necessary to remember, that reboots of the host also increase this digit i.e. if reboot last less than **5** minutes, this digit will increase on unit. *The chief* should aspire to those *managers* for which this metric below.

Further there is a recording about *translations of hours back*, it is one of coming in a head *of the manager* of variants of damage of the report. Hours on *the host* should not be translated!. Such translations of hours when the program **"Computers Hall"** is switched off are named as the hidden translations of hours, and it may not mark it.

"*Rough mismatches*". The program parses the report and searches in it *for mismatches*. What is such. For example, in statistics there is a line "*reset*" *Is pressed*. Goes again further *Is "pressed reset*". Such may not be, since in succession it is impossible two to reset time the computer. Probably, between these resets there was an event about payment which deliberately corrupted. All such impossible situations are summarized in the number shown by these parameter. In an ideal it is a zero. If it not a zero, probably, you deceive.

Below there are lists of the prices used for an accounting period; discounts; time given on customization; the common time given on customization.

# *The report of safety*



In this report we may see decryption *of the rough mismatches* described above. In this case the analysis of the report has defined, that on **11-th** computer which was free, *"Reset"* was pressed.

We see ID operations which has called conflict - **6815**, time of **2002-08-24 18:30:59** operation. Further there is a description of the operation at the end of which we see time of the operation with which there was a conflict or mismatch.

# *Decryption of the lost labels*

It was above described, that for a control of that the program is started, each **5** minutes in base there is a recording that the program works. In the report "*decryption of the lost labels*" we may see those intervals of time when labels were lost.

# *Changes of operations*



Let's consider the report "*Changes of operations*". In the program there is a possibility to change the last operation, for example, in case of an error. But of it malefactors may take advantage. I shall bring an example of incorrect operation of the manager. The person let has come and has put persons on a business hour in the Internet. The person works, hour comes to an end, all is clean. But somewhere one minute prior to the end of operation, the manager

changes the last operation on games and in reports there is a sum of payment, as for games (games, as a rule, operations in the Internet are cheaper). To resist to a similar deceit was solved to document in the report all brought changes. For example:

| Time of change | Time of operation | Has passed time | Computer | The comment |
|---|---|---|---|---|
| 2002-01-13 00:08:14 | 2002-01-13 00:08:02 | 0:0 | 4 | Games<->Internet |
| 2002-01-13 00:08:29 | 2002-01-13 00:08:06 | 0:0 | 5 | |
| 2002-01-13 01:06:51 | 2002-01-13 00:07:50 | 0:59 | 2 | Games<->Internet |
| 2002-01-13 01:06:54 | 2002-01-13 00:07:53 | 0:59 | 7 | |

How to understand this *report* and what it is necessary to draw outputs. We shall consider the first line. We see date **2002-01-13**, time **00:08:14**. This time when *the manager* has changed the operation. The following date **2002-01-13 00:08:02** is date and time started operations. In column "*Has passed time*" we see, how many has passed time from the beginning of the operation how changes have made to it. There is number of the computer to which change of the operation concerns further. The last column *"The comment"* may contain to period "*Games<->Internet*", that speaks that the mode of operation from *"Game"* on *"Internet"* (or on the contrary) varied.

As a rule, the operation varies at an error *of the manager*. I.e. if to him have paid for *games*, and *the manager* has included the program on *the Internet*. But it is considered normal to react to an error in any reasonable time, for example, in **5** minutes. In case of the third and fourth periods *the manager* has reacted in **59** minutes. That is considered rather suspicious and probably speaks that the manager of you has deceived. So. The first line speaks about the normal phenomenon, the manager has confused games and the Internet and less than in one minute has corrected an error. The second line speaks that there were corrections of other sort (most likely safe) which also were brought less than in one minute prior to the beginning of the operation. The third and fourth line are suspicious, since: the manager has corrected the operation only in **59** minutes from its beginning. The third line should call the biggest suspicions since there also the mode of operation (*games<-> Internet*) varied.

The chief of a hall can to advise encourage managers with smaller number of corrections in an operating time (in an ideal **0**) and to concern suspiciously to those who changes operations frequently or even worse far the ambassador began the operation.

# *The prices, rebates for customization*

The prices, rebates, for customization :: On all computers :: Current session ( Ruslan, 2002-08-24 18:28:15 )

| Object | Games | Internet | Rebates, % | On customizatio... |
|--------|-------|----------|-----------|--------------------|
| 17 – 18 | | | | |
| 18 – 19 | 3.00; | 5.00; | | 3; |
| 19 – 20 | 3.00; | 5.00; | 25; | 3; |
| 20 – 21 | | | | |
| 21 – 22 | | | | |
| 22 – 23 | | | | |
| 23 – 00 | | | | |
| | | | | |
| Computer | | | | |
| 1 | 3.00; | 5.00; | | 3; |
| 2 | 3.00; | 5.00; | | 3; |
| 3 | 3.00; | 5.00; | 25; | 3; |
| 4 | | | | |
| 5 | 3.00; | 5.00; | | 3; |
| 6 | 3.00; | | | 3; |
| 7 | 3.00; | 5.00; | | 3; |
| 8 | 3.00; | 5.00; | | 3; |
| 9 | | 5.00; | | 3; |
| 10 | 3.00; | 5.00; | 25; | 3; |
| 11 | 3.00; | | 25; | 3; |

| 24.08.2002 ▾ | 18:28:15 ⇅ | The prices, rebates, for customize ▾ | | Tools |
|---|---|---|---|---|
| 24.08.2100 ▾ | 18:28:15 ⇅ | On all computers ▾ | | |
| Current session ▾ | | To seem/refresh | | Print |

This *report* allows to see lists of the used *prices*, given *discounts(rebates)*, *time for customization* for an accounting period. First half of table allows to see these lists on hours, the second on computers.

For what it is necessary. If in your club strictly determined prices probably differing from time in this table you should see only these, given numbers. Also if for you it is accepted to give any defined discount (for example, to constant clients) in this table there should not be no other discounts. Similarly with time for customization.

# *Additional services*

Additional services :: On all computers :: Current session ( Ruslan, 2003-04-12 21:31:50 )

| Name of service | Quantity | Sum |
|---|---|---|
| CD recording [1.00] | 3 | 3.00 |
| Printing b/w [0.10] | 50 | 5.00 |
| Printing color [0.60] | 10 | 6.00 |
| Scanning [0.40] | 8 | 3.20 |
| Total | | 17.20 |

In this report the list of the rendered additional services is shown. Cost of unit of service is specified in square brackets.

# Used IP-packet filters



Review / the analysis / printing of the report [ 2.13 ]

Used IP-packet filters :: On all computers :: Current session ( Ruslan, 2004-07-28 16:11:21 )

| Computer | List of used IP-packet filters |
|---|---|
| 1 | 971A8E29 |
| 2 | Without filter, 971A8E29 |
| 3 | 971A8E29 |
| 4 | 971A8E29 |
| 5 | 971A8E29 |
| 6 | 971A8E29 |
| 7 | 971A8E29 |
| 8 | 971A8E29, C38AD62A |

Very important report (only for client computers with 2000/XP/2003). Allows to inspect used filters of IP-packets. That someone specially or accidentally has not changed a rule or has

not erased them. After you have created the list of rules of network filters for a client computer, for him the unique check total (8 characters) is counted up. If on all client computers the same rules also the check total should be same are used. Change of rules attracts change of the check total. The given report allows to see all used check totals of lists of rules of filtering. In other words, how many different sorts of lists of rules have been used.
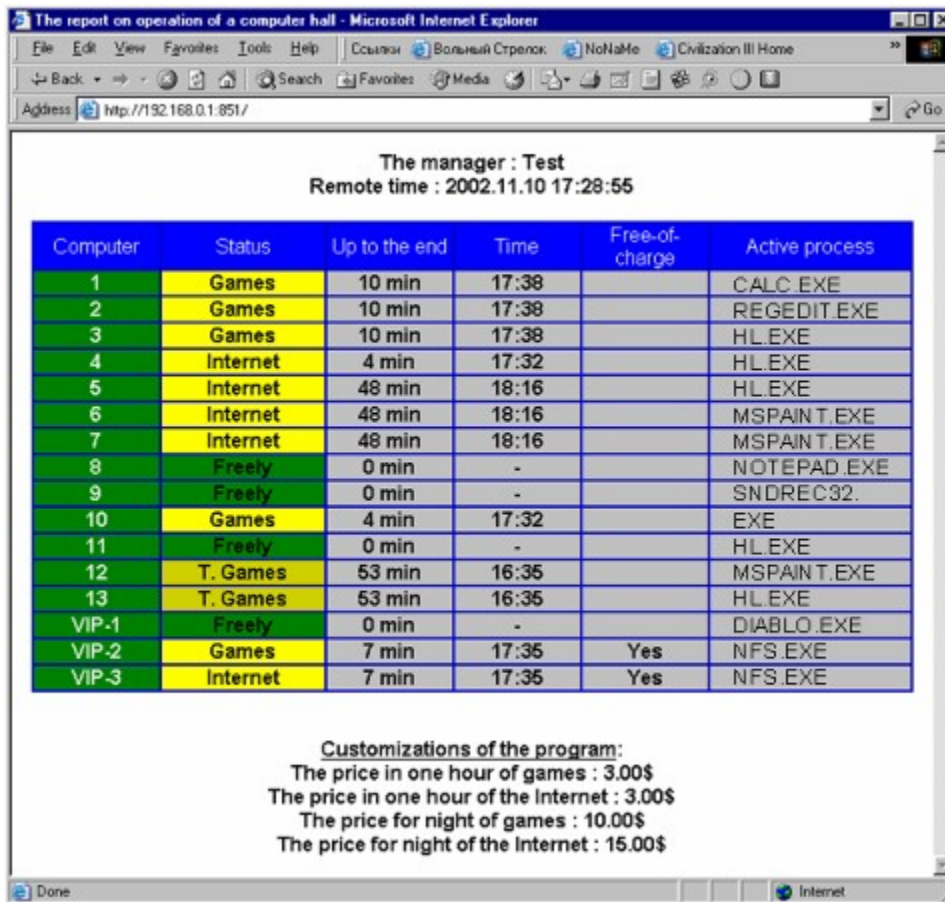
On an above mentioned picture it is visible, that computers 1-8 used rules with the check total **971A8E29**, the computer **8** used also rules **C38AD62A** (that can testify to attempt of a deceit or change of the list of rules for other reason). The computer **2** was used except for that without rules (or they have been erased, or for any reason could not be used). I.e. it is possible, that the deceit on computers **2** was and **8** since it is usual on all computers install the same rules.

The general guideline under the control of lists of rules simple: have placed on all computers of the same rule and have written the check total. It is necessary to check only that other check totals for change did not appear (or "Without filter") further. Time of start of the program with the set check total of rules can be seen in the report "Statistics".

# Control through the Internet

Now we shall consider very interesting sort of a control "*The control through the Internet*". This sort of a control if the computer club has connection in the Internet which has static **IP-address** is accessible. Let **IP-address** of club **195.66.200.100**. Then, wherever was *the master* of club (for example, on business trip), he can check operation of club, having only a browser and the Internet. If you did not change **a HTTP-port** in customizations *of the server*, and he has remained by default **851** you easily may get access to *the Internet to a control,* having entered in a browser the address: **http://195.66.200.100:851**. You will be asked *with the user name* and *the password*. The user name **"boss".** The password, that which you entered in **Setup.exe** in section "*The control through the Internet*".

Receive approximately such picture:



From above we see a name of the manager (in this case Ruslan). Time for the remote computer is lower. There is an information table further.

In the left column of number of computers (with 1 on 13, the VIP-1, the VIP-2, the VIP-3). They in a picture on a green background that speaks that with them there are communications.

In a normal status, with all computers there should be a communication! When with computers there is no communication, their numbers are written on a red background. In the following column we see statuses of computers which values are similar to statuses of computers on indicators of the program «**Computers Hall**». In a column «*Up to the end*» time through which the computer will be free is shown. The column *"Time"* shows time when the computer will be free. The column *"Free-of-charge"* shows or the computer is used without payment. The column «*Active process*» shows a name active at present process.

Current customizations of the program are below visible.

The page itself is updated each 60 seconds.

In directory **LOG\HTTP** you may detect access.txt file which is the report on operation **of the HTTP-server**.

**The HTTP-server** which is built-in the program supports the big number of connections, limits time of a session and is stable enough. Therefore if you, as may not enter the master on the server, probably managers have switched off the program **"Computers Hall"** which should be permanently started.

***To masters of computer clubs strongly recommend to customize and use this function of the program.***

Pay attention to buttons for accessing of statistics, main report and security report for current session at the bottom of web page.

We have familiarized with the interface of the program, common principles of its operation. It is possible to pass to operation with the program.

# Start to work

Let all is customized. Bulbs of link with *client* computers shine green. We shall consider some examples of operation. On free computers «**SYSTEM IS DISABLED**» windows (or keyboards are disabled, a mousy) hang. Session is created, **"Computers Hall" [ComputerZal.exe]** is started.

There comes **1** client. Wants to sit to play at one o'clock. We look at the screen of the program. We select the computer with the status "*Freely*", we enter there **60**, we select *the rebate* **0** (or more percents for the constant client). We select "*Games*" mode. We put the client, we press *"Start"*. The window " **SYSTEM IS DISABLED**" has disappeared from the screen *of the client* computer (the keyboard, the mouse was unblocked), counting of time has gone. Five minutes prior to the end of operation, the voice version of the program will tell through columns *of the host* "*Computer such remained 5 minutes*". When paid time will quit, through the same columns the voice will tell "*Computer such your time has quitted*", the active program will be minimized and the window " **SYSTEM IS DISABLED**" (or the keyboard, a mouse will be blocked) will get out.

There comes **2** client. Wants to sit to work two hours per the Internet. We look at the screen of the program. We select the computer with the status *"Freely"*, we enter there **120**, we select *the rebate* **0** (or more percents for the constant client). We select the mode *"Internet"*. We put the client, we press *"Start"*. The window " **SYSTEM IS DISABLED**" has disappeared from the screen *of the client* computer (the keyboard, a mouse was unblocked), counting of time has gone. Five minutes prior to the end of operation, the voice version of the program will tell through columns *of the host* "*Computer such remained 5 minutes*". When paid time will quit, through the same columns the voice will tell "*Computer such your time has quitted*", the active program will be minimized and the window " **SYSTEM IS DISABLED**" (the keyboard, the mouse will be blocked) will get out.

Let through columns *of the host* the voice speaks "*Computer 10 remained 5 minutes*" (**1** client has sat down the tenth computer). The client wants to play still. He rises, pays in addition in one hour. We enter **60** in his *indicator*, we press *"Start"*. The client works further.

Let for **2** client time has quitted. On the screen for him the tablet " **SYSTEM IS DISABLED**" (or the keyboard and the mouse are disabled), on *the indicator* an inscription "*Time has left*". If he wants to pay and continue operation - is entered the paid minutes in the program, we press *"Start"*. Time went, but from the moment of the end of the previous interval of payment. If it is necessary, that time began to be considered from a present situation, we press *"Reset"*, *the indicator* shines, as *is free*, we enter paid time, we press *"Start"*. If the client will not work more, we press *"Reset"*.

There comes **3** client. Wants to pay for night of games. The procedure of landing the same except that it is entered not number of minutes, and it is selected *Night (or $$$)* from the dropping out window. And to *the report* there will be a sum for night, and the sum till night if *"night"* has not occurred yet.

Let there comes **4** client. He does not know, will work how many in the Internet on time. We select the Internet, we enter in the window of input **Timer** (or **t** character,or it is selected **"T"** from the dropping out list), we press *"Start"*. When the person will consider necessary to leave, we press the button *"Reset"* and is visible in the window of input the sum on which he has fulfilled.

Let we need to look, and may and print out, *statistics* on the computer **18**. We press on *the indicator* **18** button *"Statistics"*, we get in the program "*Review/the analysis/printing of the report*". It was in detail described above.

# Resolution of problems

In this section I bring the list most frequently originating problems, and advices on their elimination.

1. The bulb of link with the client computer does not light up green.
2. Mode of disconnecting of the keyboard and a mousy not everywhere works.
3. How to struggle with harmful users.
4. Screen resolution 1024x768 or is more, and the program is not started.
5. Start of the program needs **oleacc.dll** file.

# Resolution of problems:

# Mode of disconnecting of the keyboard and a mouse not everywhere works

This problem is connected to that, that some games access to devices of input, using non-standard mechanisms. Solutions of the given problem on today do not exist. Fortunately this problem meets in rather seldom used games.

To advise one is possible only: to remember such programs (if those will meet!) and at their usage to listen to signals from the program, reminding about an exit of time.

# Resolution of problems:

# The bulb of link with the client computer does not light up green

Start on *host* **Setup.exe**. Look, what is selected *a port*. Now start **SetupClient2.exe**. Check up that, there same number *of a port of the server*. Number *of a port* of the server can be left by default **(850)** or to select another if on that is a reason, for example, if this *port* is already used by any program. Once again make sure, that **IP** the address *of the server* is entered correctly. Verify number of the computer, with that, that it is entered. It is not admitted two *client* computers in the network with one number. After modification restart *the computer - client* and restart **ComputerZal.exe** on *the computer - server*.

If the indicated operations have not resulted to that the bulb of link with the client computer has lit up green, esteem our advice, how correctly to customize the network under the control of Windows operating system.

# Resolution of problems:

# How to struggle with harmful users

Users of your hall like to start the not fixed programs? They like to edit to you the registry to erase a pair of the important files, to change customizations of a videocard? With this problem all managers collide. Because of it occasionally the computer to become disabled. Some programs cease to be started, reinstallation of the system is required since to return all "overwound" parameters back it is not given possible. For solution of the given problem and rise of comfort of users we have written "**Shell**" program. This program is not included into a package "**Computers Hall**" since is the independent software product. Necessarily pay to it attention. To find it is possible on our page in the Internet: **http://astrumsoft.com/shell/**.

# Resolution of problems:

# Screen resolution 1024x768 or is more,and the program is not started

Probably, for you the application which "eats" a part of useful square of the screen is started. For example, frequently users ICQ fix it in the right part of the screen, then the screen resolution accessible to programs (across) to become less.

# Resolution of problems:

# Start of the program needs oleacc.dll file

The program is compiled in **Microsoft Visual Studio .NET (7.1)**, that demands of the operating system of support of people - invalids, with the limited possibilities. Thus **oleacc.dll** library is used. If the program does not want to be started, demanding this library, you need to install support of people with the limited possibilities.

For example, in **a Windows 98SE** it is done so:

```
Start->Customization->Control panel->Installation and deleting of
programs->Installation of a Windows->Special possibilities.
```

Mark ticks all components from this unit and install them in the system.

Reboot the computer.

# How correctly to customize the network under the control of Windows operating system

In this section I shall bring two advices my familiar which will help you correctly to customize the network.

**1)**

> Tried to put a demo, not a fig has failed!
> Problem in connection of the working computer to the server, they each other do not see.
> I.e. on the server I have put down IP the address and a mask of a subnet, on the
> working computer presence fixed IP is necessary or is possible dynamic?

It is possible also such and such... Put fixed better. Register on each computer (this address should differ from IP the server only in the last digits, at a mask **255.255.255.0**)

> IP the address of the server is accordingly put down in TCP the protocol to card in
> network neighborhood. The port of the server except for as in your program,
> it somewhere else is put down?

Yes. More any customizations do not touch... Simply IP and a mask register If not you are going to output club in the Internet, anyone IP if you gather that **192.168.0. XXX.**

**2)**

Means so!
That the windows-network correctly function, the following is necessary:

1. To think up a name to workgroup, for example **"LOCALKA"**
2. To take for a basis a grid **192.168.0.X** with a mask of a subnet **255.255.255.0**
3. To assign to network server IP the address and if this computer is a point of Internet connection on the others it will be the gateway server.

**Network neighborhood->Properties->Identification:**
There we register the computer name and workgroup (it is desirable the big characters)

**The configuration:**
**TCP/IP properties->IP address:**
We indicate IP **192.168.0.X** - **X** on all computers different. We indicate a mask of network **255.255.255.0**.
**Gateway:**
We indicate IP of computer distributing the Internet

**`DNS address:`**
> We indicate the computer name (same, as well as the computer name in identification). We indicate IP the address of the computer distributing the Internet and DNS the provider.

If under the Internet the Linux-server or WindowsNT it is necessary to customize on it DNS the service(local) is allocated, (on Linux to customize still SAMBA service) and then to add in DNS addresses the domain of the server and the order of review of suffixes of the domain.

# Is more detailed about time for customization

When the person to sit down the computer, to him frequently give some time (free-of-charge) on customization, we admit **3** minutes. For input of quantity of these minutes, press the button *"Function"*, then " *Time for customization of the computer* ". Enter into appeared window the necessary number of minutes and press *"ÎÊ"*. Now to paid time this number of minutes on customization will be added.

Example: the person sits for **60** minutes, time for customization is earlier entered, we admit **3** minutes. You have entered number of minutes **60**, have pressed *"Start"*. The computer is authorized to work **60** + **3** = **63** minutes, from them **3** free-of-charge.

What to do, if the person pays in addition for operation and time for customization to him it is not so necessary. Before pressing *"Start"* clamp **Ctrl** button and time for customization it will not be added.

# List of available versions

# «Computers Hall»

## § Version 2.17v (voice)

The number of computers in a hall is no more 48;
Speaks a voice about approach of events of the end of time, staying 5-th minutes;
The price of program $70 (USD);
Temporarily is not sold.

## § Version 2.17

The number of computers in a hall is no more 48;
The price of program $50 (USD);
You can buy it.

How to pay the program

# How to pay the program

At you is there an opportunity to buy the program, having taken advantage of services of firm "**share it!**". For this purpose open this link: http://shareit1.element5.com/product.html?productid=165122&languageid=1&stylefrom=165122

Also you may buy the program directly at us. For this purpose it is necessary <u>to communicate with us</u> and to discuss conditions of transmission of money. After obtaining money, we will send the program into your E-Mail. Money can be transferred to us in different ways that depends, first of all, from where you are. Write to us <u>E-Mail</u>, find us on <u>ICQ</u>. In the letter specify the following things:

1)      The version of the program which you want to buy;
2)      Yours the city/country;
3)      First name, middle initial, last name or the name of organization which will go on a picture to the program;
4)      E-Mail on which we shall send the program after obtaining money;
5)      Whence you have learned about the program;
6)      That you would want to see in the following versions of the program?

Depending on your occurrence we shall offer variant(s) payments of the program. Further you dispatch money, and, after their obtaining, we send on indicated you E-Mail the program.

By your order we can make the version in any language. We give you the list of words, you translate them and receive the version on the native language. Translation of the program on national languages is very much welcomed. The variant of free-of-charge obtaining of the program is possible, if you convince us of a case, that well own the, a national language and approach to translation session with enthusiasm, are ready to help in the future to translate new words and sentences.

Attention! The program is guarded by the international law on the copyright and it is considered the property of «**AstrumSoft**» corporation. **Shcherbatyuk Ruslan Andreevich**, the author of the program "**Computers Hall**" its director is.

<u>Rights of owners of the program…</u>

# Rights of owners of the program

        Persons who have got the full version of the program, have the right to free-of-charge reception of leaving completions of the program within one year from the moment of purchase of the program. Cost of prolongation for one year of the right of free-of-charge reception of new versions **80**% from cost of the program.

        If you find any errors in operation of the program, we in the shortest periods try to correct them.

        The closed part of my site is accessible to users of the program.

How to contact us

# How to contact us

**E-Mail:**

compzal@astrumsoft.com

**WWW:**

http://astrumsoft.com/compzal/

**ICQ UIN:**

42569479

**Òåëåôîíû:**

+380482250756 (home-1) Ruslan Andreevich Shcherbatyuk
+380482373897 (home-2) Ruslan Andreevich Shcherbatyuk
+380677431326 (cell) Ruslan Andreevich Shcherbatyuk

(c) 2000-2005 AstrumSoft

# Whats new?

[+]  New
[-]  The bug corrected
[*]  The bug is corrected and/or improvements are carried out
[!]  Important! Pay attention

**--- Version 2.17 ---**
[+] The serious error in a network protocol was corrected.

**--- Version 2.16 ---**
[+] Control through the Internet was extended by adding availability of viewing statistics,
    main report, and security report for current session

**--- Version 2.15 ---**
[+] Cache of the names of managers
[+] Limit of free-of-charge time for session
[+] Customization of reminding messages

**--- Version 2.14 ---**
[+] Time allowing cancellation of operation
[+] Limit of free-of-charge time for session

**--- Version 2.13 ---**
[+] Port blocker (2000/XP/2003 only)

**--- Version 2.12 ---**
[+] In development of the program firm AstrumSoft now is engaged. Its director -
    Shcherbatyuk Ruslan Andreevich, the founder of the program "Computers Hall".
    Essential elements are changed. A homepage of firm: http://astrumsoft.com
[+] The error of a stop of the timer is corrected, the sum of payment was overwritten by
    erratic value

**--- Version 2.11 ---**
[+] Security parameters regulating access to functionality of the program
[+] Possibility of show of warning about loss of link with client computer

**--- Version 2.10 ---**
[+] Review and completion of processes of client computers
[+] Possibility of a reminder on stayed time 5 minutes prior to the end

**--- Version 2.09 ---**
   [+] Reserve copying of reports
   [*] Cosmetic changes of the interface

**--- Version 2.08 ---**
   [+] Combined way of blocking of a client computer
   [-] Network protocol of data exchange with a client part Is corrected

**--- Version 2.07 ---**
   [+] Removal of the started programs, after pressing reset

**--- Version 2.06 ---**
   [+] Client part is not visible in the manager of tasks 2000/XP
   [+] Landing to the fixed time with disbursement at the end of operation
   [+] Possibility to block a server part of the program under the password
   [-] Round-off error in return of the rest Is corrected

**--- Version 2.05 ---**
   [+] Opportunity of disconnect of all sounds of a server part of the program
   [+] Opportunity to insert any picture in a mode of not closed window
   [-] Mistake with windows of input of time arisen at 2.04 is corrected
   [*] At a choice of time of viewing of the report, the report is shown after pressing button
       "Seem/refresh"

**--- Version 2.04 ---**
   [+] Opportunity to export reports in a text file
   [*] New items in adjustment of the registry
   [*] It is corrected jobs of a client part

**--- Version 2.03 ---**
   [+] The account of any additional services (printing, scanning, recording of disks, …)
   [*] The algorithm of automatic restart of computers is changed
   [*] The algorithm of killing of active process is changed

**--- Version 2.02 ---**
   [+] The discount of more than 99% is not entered
   [*] It is added optional automatic reboot of a computer after pressing reset

**--- Version 2.01 ---**
   [+] Pressing CTRL+P in a window of viewing of reports causes a print of the current
       report
   [+] In a mode of not closed window the cursor will not transcend a window
   [+] Under management Windows 98/ME in a mode of blocking do not work CTRL-ALT-
       DEL and ALT-TAB
   [+] Client computers at loss of communication with the server are independently blocked

       on an exit of time
   [+]  Editor of many standard keys of the registry Is built-in
   [*] Blocking of the keyboard and the mouse in Windows NT/2000/XP now works better

## --- **Version 2.0** ---
   [+] Opportunity to give the indicator an alternative name
   [+] Management of the Internet is transferred as well on a client part to the external
       module
   [+] Active process is shown in the Internet the control
   [+] The menu "about the program" with references to new versions and contact to the
       author has appeared
   [+] The example of switching-off/switching-on of the Internet is included
   [+] Black and alarm lists of processes
   [−] The reminder on stayed time was reset after rebooting a computer
   [−] Russian letters in the list of active processes were displayed incorrectly
   [−] 100% the rebate did not go in lists of the used rebates
   [!] Interdiction of input of 100% of the rebate
   [!] Rights of owners of the program are optimized

## --- **Version 1.86** ---
   [+] The list of active processes
   [+] The report of job of processes
   [+] Management of the Internet is passed the external module
   [+] Opportunity to kill the remote active process
   [+] Password protection of reports with an opportunity of a choice of a level of access
   [+] Sending of the text message to the client
   [+] Reminder to the client about stayed time
   [*] Fonts of printed reports are increased
   [*] If the program to start twice, the first copy appears on the screen

## --- **Version 1.85** ---
   [+] Possibility of switching in the mode of games after pressing reset
   [+] Events of reboot, turn off of the computer will be worn out in base
   [+] Reboot, turn off of all computers at once, one button
   [*] The error of closing of the client under the password Is corrected
   [!] The serious error of dissolving of the operation Is corrected

## --- **Version 1.84** ---
   [!] The new, improved client part (the second generation)
   [+] Reboot and turn off of client computers
   [*] Documentation Is improved, the license agreement is added
   [+] Call of documentation on F1 button

## --- **Version 1.83** ---

[-] The error in a control through the Internet is corrected
[+] Esc button erases that in the window of input of time
[*] The handler of pressing buttons is changed to more correct
[+] Possibility of warning of pressing reset is added
[+] Click by the left button of a mouse on past time in the mode of the timer shows, how
    many money of persons already should for operation
[+] The page of a control through the Internet now itself is updated each minute
[+] Roundoff of the sum of payment is added

--- **Version 1.82** ---
[+] Completely altered reports of the program
[+] It is possible to set the list of reasons on free-of-charge selection of time
[!] Completely copied instruction, re-read her(it) from the beginning!
[*] Internationalization of the interface with the help language.dll

--- **Version 1.81** ---
[+] Possibility to work in 1280x1024 at number of computers in club up to 48
[+] New, better sounds for the voice version
[+] Control of change of operations
[-] The error arising at change of the operation of the timer is corrected

--- **Version 1.80** ---
[+] Possibility to work in 800x600 at number of computers in club up to 16

--- **Version 1.79** ---
[+] It is possible to set contents of the dropping out menu with choice of minutes
[*] New algorithm of printing of by turns reports
[+] Possibility to prohibit input of the password in a way of the locking the window

--- **Version 1.78** ---
[+] Free-of-charge operation on the computer is selected
[+] The hidden translations of hours are notched
[+] Autochange of the tariff in given time

--- **Version 1.77** ---
[+] The autorebate
[+] Customizations of the discount, the game/Internet for each indicator are saved
[+] Customizations of a server part now are stored in the configuration file cz.cfg
[*] The name of the operator after restarting the program takes from the file of session
[*] Fine defects are corrected many

--- **Version 1.76** ---
[+] The mode of the timer (payment after operation)

--- **Version 1.75** ---

[ ! ] Memory leaks in a network part of the program are eliminated
[ + ] The HTTP-server, for the Internet of a control of operation of club is built-in
[ + ] Now we use Nullsoft Installer

## --- Version 1.74 ---
[ * ] The algorithm of printing of by turns reports is corrected
[ * ] Stability before failures is increased

## --- Version 1.73 ---
[ + ] Two new sorts of the report obtained from the analysis of the by turns report
[ * ] Now it is impossible to start operation with the program if not session is created
[ * ] The program does not give to change reports in an operating time
[ ! ] The section of help decrypting errors of the by turns report has appeared

## --- Version 1.72 ---
[ - ] The serious error arising at cancellation of return of the rest of money Is corrected

## --- Version 1.71 ---
[ + ] The icon in  system tray  Is added, the main window of the program is minimized in
    system tray

## --- Version 1.70 ---
[ + ] TAB key in the window of input of time transition to the following indicator
[ + ] Now it is not necessary to press a mousy "Start", works ENTER
[ + ] It is possible to enter money Into the window of input of time
[ + ] The list of the minutes incorporated in the program in the dropping out window of
    input of time is a little bit changed
[ * ] The by turns report is extended and corrected

## --- Version 1.69 ---
[ + ] The new, by turns report. Very convenient, protected enough
[ + ] Change on the free computer
[ + ] Return of the rest of money
[ + ] Dissolving or change of the last incorrect operation
[ * ] The instruction Is advanced, read it all over again!

## --- Version 1.68 ---
[ * ] The error is corrected: did not work Ctrl and Alt in W9x. Attention! Read details in
    section of the description of innovations

## --- Version 1.67 ---
[ + ] Some automation of the interface

## --- Version 1.66 ---
[ + ] The registration of free-of-charge operation, for example at adjustment of the

computer by the manager
    [+] Section on the help (in the end) Is added where innovations are described

--- **Version 1.65** ---
    [+] Time for customization of the computer is added

--- **Version 1.64** ---
    [!] Algorithms of the locking of computers are corrected
    [!] The computer now switches on disabled
    [*] Compatibility with "Shell" is increased

--- **Version 1.63** ---
    [*] Notes are more convenient done, for them the special window opens
    [+] In indicators time of release of the computer now is output
    [+] It Is possible to look\to print out the list of release of computers

--- **Version 1.62** ---
    [+] The Program notches translation of hours back and writes about it in the report of the
        boss

--- **Version 1.61** ---
    [!] The system of passwords Is changed, re-read documentation
    [+] In the report there is an event of inclusion of the program
    [*] It is corrected bug with the password on statistics of the chief
    [*] Events of installation/break of link go in all logs

--- **Version 1.6** ---
    [+] Instead of output of the window it is possible to customize disconnecting of the
        keyboard and a mouse
    [!] Indexing of versions is changed. The voice version now is designated 1.6v

--- **Version 1.51** ---
    [+] In the report of the chief events of installation/break of link act
    [!] Version 1.06.1024.+ will contain also the majority of innovations, but the version
        number will not vary

--- **Version 1.5** ---
    [*] Help Is changed
    [+] Speaks a voice "Computer [N] remained 5 minutes", "Computer [N] your time has
        quitted"

--- **Version 1.06.1024.plus** ---
    [*] Now it is turned off FAR developed on all screen, Quake1...

--- **Version 1.05.1024.plus** ---

[+] Up to 30 computers
[+] Handle of all computers of the network

--- **Version 1.05** ---
[+] It is possible to leave notes in broad gullies
[!] In documentation section "The important news and answers to questions" has
     appeared

--- **Version 1.04** ---
[+] The "Night" mode when pay at a discount for all "night"
[+] Now it is possible to enter a current name of the manager

--- **Version 1.03** ---
[*] Under NT4 hours quitted for the fixed limits
[!] Now reminding signal can be played a soundcard (DirectSound)
[+] Warning is output at closing the program
[+] The utility of erasing of passwords is included In a package

--- **Version 1.02** ---
[*] Now it is possible to enter the price in one hour with cents
[*] The "negative" discount Has appeared

--- **Version 1.01** ---
[+] Now it is possible for constant clients to give the discount in percentage
[+] In statistics the sum of the earned money is counted up
[*] The task bar was overlapped by the window of the program
[*] Documentation is edited

# Brief description of innovations

The serious error in a network protocol was corrected.

# License agreement

The License for usage of the program "Computers Hall"
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

The present license agreement (further "agreement") is the legal
document concluded between you (the physical or legal person) and
"AstrumSoft" corporation (further the corporation) concerning the
mentioned above software product of the corporation (further
"program"), including the software written on appropriate
carriers, any printed materials and any "built-in" or
"electronic" documentation. Installing, copying or otherwise
using the program, you thus take up conditions of the present
agreement. If you do not accept conditions of the given agreement
you have no the right to use the program.

The program is protected by laws and international agreements on
copyrights.

1. SCOPE OF LICENCE. The present agreement gives you following
rights.

Usage and copying. The corporation gives you the right to use
such quantity of copies of the program which corresponds to
number of validly got copies of the program available for you. It
is authorized to create copies of the program and to use them on
all computers on which validly got copy of the program is placed.
It is authorized to do also copies of the program for the
purposes of archiving and a backup.

2. LIMITATIONS.

- It is necessary to save or play back all notices on copyrights
on all copies of the program.

- It is forbidden to transfer the program to the third parties.

- It is forbidden to open the technology and to decompile the
program except for a case and only in that degree when such
operations are obviously allowed by the current legislation
despite of presence in the license agreement of the given
limitation.

- It is forbidden to give the program in temporary using.

- For ever it is authorized to concede all rights under the present agreement provided that you transfer also all copies of the program available for you.

- Usage of the program should be carried out according to the current legislation.

3. CANCELLATION OF THE AGREEMENT. All given to you concerning the given program of the right automatically disappear at cancellation of the license agreement about usage of the program, or if the corporation will terminate the present agreement (without damage to any rights) at non-observance of conditions and limitations of the given agreement. At cancellation of the agreement you are obliged to delete all copies of the program available for you.


4. COPYRIGHT. All property rights and copyrights to the program and concerning her belong to the corporation. All property rights and copyrights to an informative part and concerning her, access to which are given with the program, belong to the owner of copyrights to the given informative part and are protected by laws and the international agreements on copyrights. The present agreement does not give you any access rights to an informative part.

5. REFUSAL OF GUARANTEES. YOU ARE RESPONSIBLE FOR ANY USAGE OF THE PROGRAM. THE GIVEN PROGRAM IS INTENDED FOR USAGE ONLY UNDER THE CONTROL OF 32-BIT OPERATING SYSTEMS OF CORPORATION MICROSOFT. TO THE GREATEST DEGREE, ADMITTED BY THE CURRENT LEGISLATION, THE CORPORATION REFUSES ALLOCATION OF ANY GUARANTEES, OBVIOUS OR MEANT, INCLUDING CONCERNING MARKETABILITY, HARMLESSNESS OR APPLICABILITY FOR ANY DEFINITE PURPOSE. THE ATTENTION IS GUARANTEED ONLY ON THE PART OF THE CORPORATION TO NEGATIVE MANIFESTATION IN OPERATION OF THE PROGRAM AND TENDENCY TO REMOVE THEM.

6. REFUSAL FROM THE RESPONSIBILITY FOR INDIRECT DAMAGE.

TO THE GREATEST DEGREE, ADMITTED BY THE CURRENT LEGISLATION, THE CORPORATION REFUSES TO CARRY THE LIABILITY FOR ANY CONCRETE, RANDOM, INDIRECT OR CONNECTED DAMAGE (WHERE ENTER, INCLUDING, ALL WITHOUT EXCEPTION SORTS OF LOSSES: THE HALF-RECEIVED PROFIT, TERMINATION OF ACTIVITY OF FIRM, LOSS OF THE IMPORTANT INFORMATION OR ANY OTHER LOSSES), ARISEN BECAUSE OF USAGE OR IMPOSSIBILITY OF USAGE OF THE GIVEN PROGRAM EVEN IF

REPRESENTATIVES OF THE CORPORATION HAVE BEEN WARNED ABOUT
POSSIBILITY OF OCCURRENCE OF SUCH DAMAGE.

7. LIMITATION OF THE SUM OF THE RESPONSIBILITY. ALL POSSIBLE
CUMULATIVE RESPONSIBILITY OF THE CORPORATION AT REIMBURSING
DAMAGE TO THE USER UNDER THIS AGREEMENT CAN NOT EXCEED THE SUM
EQUIVALENT TO 5 GRIVNAS.

The present agreement composed according to the legislation of
Ukraine.

On all questions connected to distribution, installation and
usage of the program, and also under this agreement, you can
address in representation of the corporation through e-mail:
compzal@astrumsoft.com.