	Architecture			
	Full	Cloud	Home	Quant
Architecture client-server Client sends data to the server for future storage in the database.	X	X		X
Windows, Linux, MacOS Client part is provided in versions for Windows, Linux и MacOS. The server part is for Windows.	X	X	X	X
Support for multiples servers The complex can work in the mode of several servers and one central database.	X			
Additional IP-address for the connection with server Ability to specify an additional external IP-address for communication (it is convenient when employees take their laptops out of the office).	X	X		X
Work of the server in DMZ The server can work via reverse-proxy nginx beyond the "demilitarized zone" (DMZ), is relevant for **remote employees.**	X	X		X
Terminal server, thin client Clients of the software complex are named "thin", all data processing is performed on the server, so there are no difficulties when the complex works in terminal sessions.	X	X		
Work in physical and virtual spheres Clients and the server of the complex can work as on physical as on virtual machines.	X	X	X	X
Data storage in SQL-base All monitoring data is stored in SQL-base on the server machine, supported by **MySQL** and **Microsoft SQL Server**.	X	X	X	X
Local storage If there is no connection to the server, the observation data won't be lost, but will be accumulated in the local database and will be transmitted to the server for sure after the connection is resumed. You can configure the local data storage history. The technology **SQLite** is used as a local database.	X	X	X	X
Deferred monitoring With a very large number of client machines it doesn't always make sense to collect data from all clients. With deferred monitoring enabled, data is transmitted to the server on request from the selected machines.	X	X		X
10000+ With relatively small system requirements the complex server and database can serve more than 10 000 client connections.	X	X		X
Traffic restriction Ability to limit traffic from clients to the server under heavy loads and multiple connections.	X	X		X
Remote Web-watching All online and offline watching is conducted via a web browser, regardless of your location.	X	X	X	X
Remote (hidden) installation You can install the client on remote machines in a hidden mode from the employee. There are 4 different ways to do this.	X	X		X
The instantiation of the server and database It is possible to install the complex server and database in multiple instances on the same server machine.	X	X		
Log in with Windows accounts You can log in with the current Windows account or with any other one (including a domain one)	X			X
Domain users For domain users you can make reports on all the machines that they worked on in total, as well as on specific machines.	X	X		X
Encryption of data traffic The client-server channel is encrypted and you can also configure **https**-access to the web interface.	X	X	X	X
Support IPv6 Working as in IPv4 as in IPv6 networks.	X	X	X	X
Delineation of superiors' rights	X	X		X

Ability to assign rights to supervisors both at the database level for certain reports and for selected departments in the company hierarchy.				

Integration with ACTIVE DIRECTORY				
	Full	Cloud	Home	Quant
Support for multiple domains Ability to sync data with multiple company domains simultaneously.	X			X
Automatic installation on groups of machines Syncing client installations/deletions with computer groups AD.	X			X
Synchronization of employees' names Employee profile (full name, department, etc.) will be synchronized with register in AD.	X			X
Synchronization of superiors' rights The boss-subordinate relationship for accessing reports will correspond to the actual relationship in the company based on data from AD.	X			X
Synchronization of the company structure Ability to synchronize the structure with several company domains automatically.	X			X

Monitoring reports				
	Full	Cloud	Home	Quant
"Black box" Permanent recording of video from screen and audio from microphone/dynamics with encrypted storage on employees' machines for further detailed analysis in a case of an incident investigation	X	X		
Face recognition Opportunity for periodic review of individuals employees with web camera and match it to other employee. The report is convenient for analyzing the presence of an employee or replacing it with someone else. It uses an offline "engine" of its own development based on a neural network.	X	X		
Risk and efficiency analyzer The analyzer which is customizable based on profiles and dictionaries shows an employee's efficient, inefficient or dangerous work.	X	X		X
Search by templates Variety of search criteria based on which you can create your own templates.	X	X		
Report on categories and deviations The summary report showing statistics in the context of the resource use categories and deviations from the average values of employees.	X	X		X
Summary report A convenient summary report for a specific employee in the form of clickable circular charts where you can deepen to analyze a person's productiveness.	X	X		X
Summary simplified report Summary report on a group of employees in tabular form and the ability to export to Excel.	X	X		X
Activity feed A graphical report which allows you to evaluate at what time intervals, what the user was doing and which extent.	X	X		X
Keyboard typing style Allows to assess the employee's condition in the workplace and to determine to some extent set the ability of another employee to work in someone else's place.	X	X		
Machine time You can see how long employees computers have been turned on.	X	X	X	X
Loading CPU/GPU Report allows you to see a detailed picture of CPU and video card usage over time (for controlling mining)	X	X	X	X
User time User activity per day, absence, late arrivals, popular programs and sites, synchronization with **Outlook**	X	X	X	X

calendar and ACS.				
Employees' time sheets In the form of a standard time sheet with the ability to display data on computer activity or ACS data, the report displays information about absence, late arrivals, beginnings/endings of the working day and total time worked.	X	X		X
Expansion of ACS The report will show the actual entrances and exits of employees, according to the ACS data. The current version supports ACS Sigur (Sphinx).	X	X		X
Program start You will be able to see which programs and how long an employee has been working on them.	X	X	X	X
Monitoring sites Report on sites visited by an employee.	X	X	X	X
Input text (keylogger) All programs and websites have the ability to intercept an input text.	X	X	X	X
Clipboard Text, files and pictures in clipboard.	X	X	X	
Search request Ability to see all search requests in various search engines - Google, Yandex, etc.	X	X	X	X
Voice conversation Interception and recording of voice conversation in **Skype, Lync, Viber, Telegram, Bitrix Desktop, ICQ, Mail.ru Agent, Microsoft Teams, Zoom, Slack, Myteam, Cisco Webex Teams.**	X	X		
Voice/speech recognition Convert an intercepted voice to text and view it as a text file.	X	X		
Text messages in messengers Telegram Desktop, Skype, Microsoft Teams, WebSkype, Lync, Viber, Bitrix Desktop, BitrixWeb, Slack, Myteam – all cases.	X	X		
Bitrix24 chat text messages Interception of correspondence in Bitrix24 Desktop and on the site (cloud and corporate versions Bitrix).	X	X		
E-mail + attachments Interception of incoming and outgoing emails (with attachments) for: Microsoft Outlook – Exchange/IMAP/POP3/SMTP in all cases (with or without encryption); IBM Lotus Notes – all outgoing e-mail; Outlook Express, Thunderbird, Bat, Mail – POP3/SMTP (with or without encryption).	X	X		
Sending files to the Internet Files sent via the browser, email clients, Skype, Lync and popular messengers, FTP/FTPS. In all case files are intercepted and saved (with the possibility of prohibiting sending).	X	X		
File operation Intercept copying, deleting or transferring files. When there are copying files to a flash drive, shadow coping is possible. Support WebDav.	X	X		
Screenshots Taking screenshots with a lot of settings.	X	X	X	X
Video based on screenshots Generation continuous video from screenshots for viewing via browser or media player.	X	X	X	
Print control + value Ability to intercept printed files in spooler format and calculate the cost depending on the set rate.	X	X		
Suspicious events Write to the report events that you can configure yourself (launching programs, websites, entering text based on the algorithm for inaccurate word comparison).	X	X		
Search for employee information Ability to search in generated report with regard to the algorithm for inaccurate word comparison.	X	X	X	
Webcam recording Recording of screenshots from the webcam of employees' machines and saving on the server automatically.	X	X		
Recording from microphone (bugging)	X	X		

Feature	Full	Cloud	Home	Quant
Ability to record continuously from microphones and save audio files on the server. Ability to record only if there is a voice.				
Report «contacts» Ability to see employee's contact list, with whom he communicated by e-mail, Skype and in chats.	X	X		
Report «connection Graph» Visual display of the report "contacts" as an easy-to-view graph.	X	X		
Report «Online users» Allows to see visually when certain users were connected to the server.	X	X		X
Geolocation Geolocation of laptop locations in **Google maps**.	X	X		
Control of the number of copies of installed software Ability to see the setting number of various software among the whole company to identify unlicensed software.	X	X		
Hardware and software monitoring Demonstrates changes in a part of the hardware on the machines and installed/removed software.	X	X		
Report based on SQL-requests Ability to make reports from the SQL base independently.	X	X	X	

Mobile monitoring[*]	Full	Cloud	Home	Quant
Calls interception Interception and transmitting GSM voice conversation to the server.	X	X		
SMS-messages interceptions Interception and transmitting SMS-messages to the server.	X	X		
Keylogger, input text monitoring In all applications, including all messengers.	X	X		
Activity in applications Name of application, input text, icons.	X	X		
Visited sites Full URL-address, traffic chain on the site, search requests.	X	X		
Integration with reports in BOSS-Offline Report wizard, search in templates, categories/deviation, risk analyzer, activity feed, consolidated programs, sites, internet requests, geolocation, etc.	X	X		
Geolocation Classic GPS-tracking with forming a visual route in **Google maps** and exportation in .gpx-format.	X	X		

[*] support Android devices

Online watching	Full	Cloud	Home	Quant
Screen watching Taking single current screenshots or in a form of video stream. Ability to save as a video file.	X	X	X	X
Webcam watching Taking single current photo or in a form of video stream. Ability to save as a video file.	X	X		
Audio, microphones bugging Bugging of microphones and audio. Ability to save as audio file.	X	X		
Voice transformation to the text Speech recognition of employee in real time with the ability to save it in text file conversation.	X	X		
List of processes and windows Obtaining a list of active processes and opened windows of users.	X	X	X	X
Pause monitoring You can always pause and remove the monitoring from the pause.	X	X	X	X
Reaction to suspicious events Notification outputting of important events for users in the tray system and the browser window with sound. Ability to get SMS or e-mail notifications.	X	X	X	X

Feature				
Integration with Telegram Ability to send notifications about important events in personal chat of Telegram messenger.	X	X		
Sending messages Ability to send instant messages to users.	X	X	X	X
Managing Realization a number of administrative functions online. Выполнение ряда администраторских функций онлайн.	X	X	X	X

DLP features				
	Full	Cloud	Home	Quant
Anti-photo Protection against taking photos of the PC screen with smartphone while critical apps or websites are running.	X	X		
Voice DLP Instant response to employee's spoken phrases/words in voice conversations via Skype, Lync, Viber, Telegram, Bitrix Desktop, ICQ, Mail.ru Agent, Zoom, MS Teams, Slack, Myteam, Cisco Webex Teams.	X	X		
DLP in documents Opening, sending to the Internet, coping to a flash card, to clipboard of a document with keywords or phrases is accompanied by an event (or prohibition). Support .docx, .xlsx, .odt, .ods, .sxw formats. Ability to use an inaccurate text search, search by templates: credit cards, contacts, custom regular expression **(RegExp PCRE)**.	X	X		
Prohibition of full or partial sending of files Ability to prohibit sending files via file sharing sites, email sites and programs, chats and social networks.	X	X		
Face recognition, fact of employee replacement If an employee is replaced at workplace by another third-party person or another employee, a security officer will immediately receive a notification of this situation in the form of event. An offline "engine" of our own development based on neural network is used for face recognition from web cameras.	X	X		
Protection of the sealing web cameras If an employee closes or seals web camera, the system will block screen and issue a notification (when face recognition is active).	X	X		
Protection of workplace from an outsider If the face recognition machine detects that another person is at an employee's workplace, computer will be blocked until an employee's username/ password is entered for the next time.	X	X		
Reporting of atypical user behavior The system will notify leader, if it detects atypical user behavior such as coping, sending or deleting files, coping of symbols in clipboard, opening browser tabs, etc. The number is set by administrator.	X	X		
Digital fingerprint of files Support for digital fingerprints of files by search and DLP-operations.	X	X		
Text recognition in screenshots (OCR) Prohibition of coping screenshots in clipboard (if it has an important text data). Inaccurate text search is possible. **Support for the built-in offline engine OCR and online Abbyy OCR.**	X	X		
Ability to prohibit clipboard Full prohibition or prohibition of PrintScreen button.	X	X		
Ability to prohibit web-sites Prevent browsers from visiting selected sites.	X	X		
Ability to prohibit FTP Full prohibition of transferring/receiving via FTP-protocol.	X	X		
Ability to prohibit WiFi/Bluetooth/USB-modem Ability to prohibit network connection via WiFi/Bluetooth/USB-modem	X	X		
"Black" and "white" list of	X	X	X	

programs Ability to prohibit start of programs in accordance with "black" and "white" lists.				
Ability to prohibit flash drive Ability to prohibit recording or full access to removable media.	**X**	**X**	**X**	

OTHER FEATURES				
	Full	Cloud	Home	Quant
Hidden and open watching You choose how to monitor employees.	**X**	**X**	**X**	**X**
Working in the "outsourcing" mode In this mode an employee enables or disables self-monitoring.	**X**	**X**	**X**	**X**
"Alarm button" Ability to turn off or lock all the computers quickly or make script on the server at the command via **Telegram** messenger.	**X**	**X**		
Sending reports to employees Ability for employees to receive reports of their work to their personal e-mail every day on a schedule.	**X**	**X**		**X**
Sending reports to chiefs Ability to generate reports of employees on a schedule and send it to chiefs (by e-mail, FTP, DropBox and other ways) automatically.	**X**	**X**		**X**