

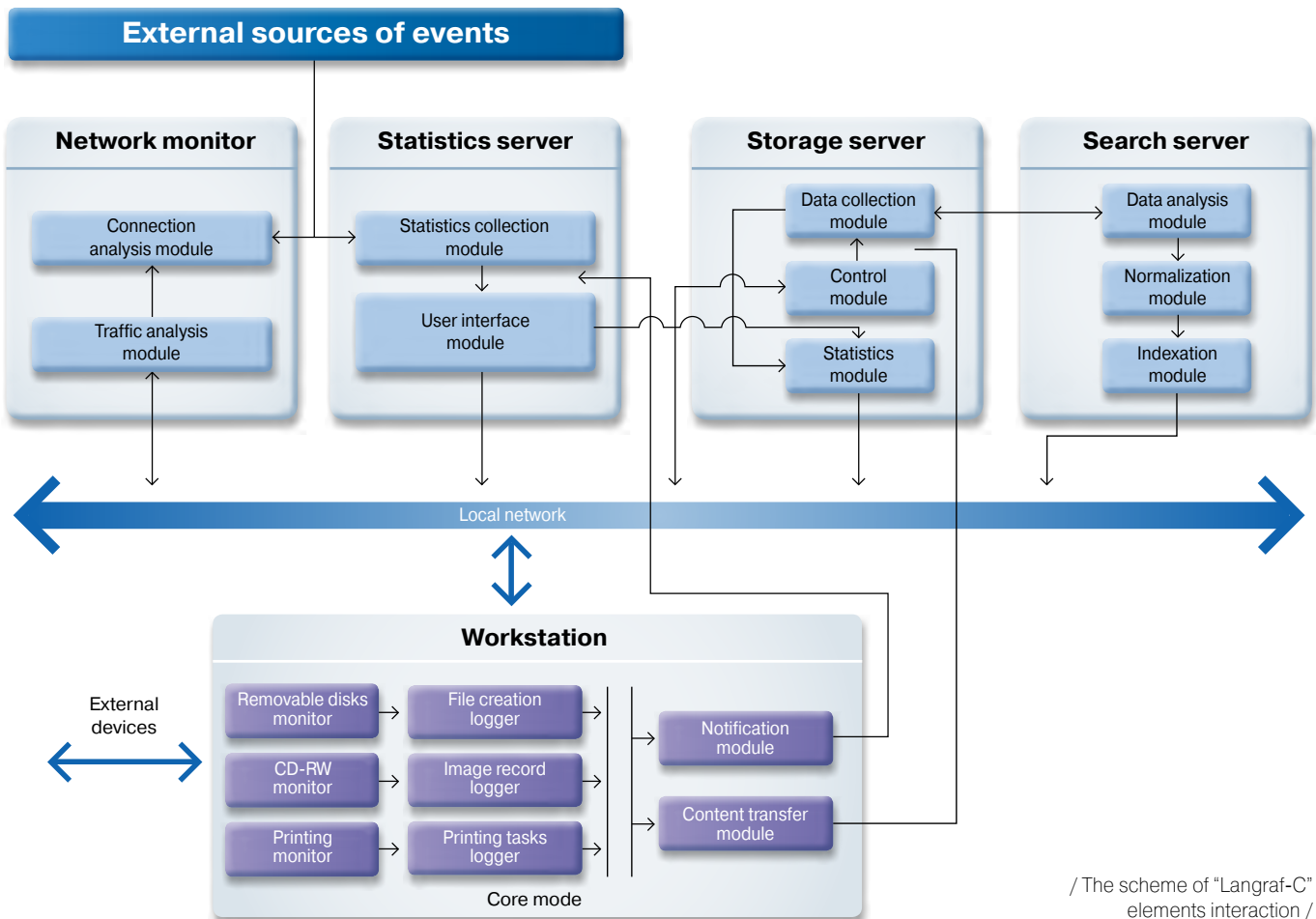
**Monitoring of data flows of an area of local network intended for increase of efficiency of counteraction to internal threats of data privacy.**

**FUNCTIONALITY:**

- The analysis and logging of the operator's actions at data exchange with external storage devices (Floppy, USB Flash/HDD, SCSI MO, CD/DVD R/RW);
- The passive analysis and logging of network data streams during operators work with DBMS;
- The analysis and logging of printing operations on local or network printers from workplaces of operators;
- Collection and processing of data about state of operators' workplaces and local network in general;
- Storage and access to the stored elements of information streams.

**THE COMPLEX BASICALLY CONSISTS OF:**

- Network monitoring agent;
- Statistics server;
- Storage server;
- Search server;
- Workplace of the security officer;
- Set of local components (agents) and means of their installation to the operators' workplaces.



/ The scheme of "Langraf-C" elements interaction /

## DIFFERENT VARIANTS OF THE COMPLEX:

- All subsystems of the complex are assembled in separate cases for improvement of possibilities of scaling and increasing of reliability of the complex work;
- One 1U/19" multiprocessor server is used for functioning of server subsystems of the complex;
- All elements of the complex are realized on the basis of the personal computer.

## TECHNICAL CHARACTERISTICS:

### ■ The supported monitoring devices:

- storage devices of the USB Flash format;
- the hard disks connected by the USB or Firewire interface;
- the floppy or magneto-optical disks either built in the system either connected via USB or SCSI interfaces;
- record devices on the optical CD/DVD carriers either built in the system either connected via USB, SCSI or Firewire interfaces;
- the local printing devices connected via USB or LPT interfaces;
- the network printing devices using the RAW or LPR protocols;
- computers of a local network for monitoring of their state.

### ■ The supported data formats for display and full text search:

- Internet: (HTTP/HTTPS): web-mail, social networks, sites, forums, etc.;
- e-mail (including attachments): SMTP, POP3, IMAP4, NNTP, MS Exchange server;
- Internet pagers (Skype, ICQ, MSN, AIM, Yahoo, Jabber, Mail.Ru Agent, IRC, Miranda, QIP, etc.);
- file transfer and exchange (FTP, P2P);
- support of the MS-Office file formats (Word, Excel, Access, PowerPoint), PDF, Plain Text, archives (RAR, ZIP, ARJ, GZIP, TAR), etc.;
- documents of the OpenOffice.org package of all versions;
- printing tasks in the formats: EMF, PS, PCL, TEXT;
- the images of disks of the ISO9660/Joliet format which are recorded in the MODE1, 2/HA modes and the multi-session mode;
- network sessions of queries to Oracle DBMS, MS SQL, My SQL, PostgreSQL;
- text files (automatic detection of the coding of the text on the basis of frequency information for the Russian and English languages);
- other data: graphic images in the jpg, bmp, png, gif and other formats, multimedia files in the wav, avi, wmf and other formats.

### ■ Additional opportunities:

- use of the password to enter the safe Windows mode;
- buffering of events when loading in the safe mode;
- monitoring of remote access to Windows desktop;
- hiding of agents files from the file system of the workstation;
- installation/removal/updating of agents without computer reset, including the way through a local area network;
- two variants of the setup of agents: with the use of the GUI and CLI.
- Type of an operating system of the monitored computer — Windows XP, Windows 2003, Windows Vista, Windows 2008, Windows 7, Windows 8, architecture of x32/x64;
- The maximum volume of the stored copies of the transferred information — 5 Tbyte;
- The maximum quantity of the monitored logical subnets — 127;
- The maximum quantity of observed hosts in the logical subnet is not limited (it is defined by physical architecture of the observed network);
- The maximum size of one copy of data is not limited (it is defined by the space left on the storage server);
- Access to servers of the complex: remote with the use of the https protocol;
- Language of the user interface: Russian/English (with the possibility of adding other languages on demand).

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