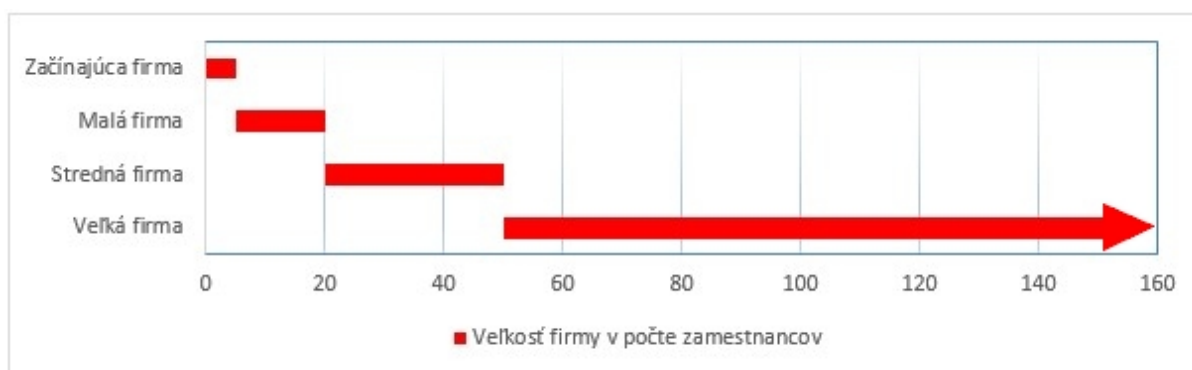


Solutions - Servers

for small, medium and large companies



MINIMUM portfolio of corporate infrastructure servers (number of employees **up to 5** – start-up company)

NAS server - SOHO

Network Attached Storage is a term for data storage connected to a local network. It may not only function as a file server but may also have other specialized functions such as a web server, FTP, print, database, syslog, streaming, RSS, mail server, web gallery, or cloud server.

- Audit of existing environment
- Solution design and implementation based on audit and requirements analysis with the aim of optimizing both one-time and operating costs
- Configuration and management via web, ssh or telnet access
- Monitoring of NAS server status

VoIP server - SOHO

Voice over Internet Protocol, or Internet telephony, is the transmission of communication carried out by human voice over the Internet or another network based on the IP protocol.

- Audit of the existing environment
- Solution design and implementation based on the audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Reduction of costs for the acquisition of a branch telephone exchange
- Connectivity to the public network within the data line
- Saving operating costs for communication infrastructure
- Connecting telephone devices at branches via a data network makes it possible to create a unified communication environment for companies operating in multiple cities and locations
- Advanced functions such as automatic attendant, call forwarding, call transfer, voicemail, blocking outgoing calls
- Use of hardware and softphones
- Call reporting

BASIC portfolio of corporate infrastructure servers

(number of employees **5-20** => small company)

Domain server

The directory service is a central security component that maintains the corresponding data for access control, an application that collects information about named objects.

- Audit of the existing domain status
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Possibility of expansion with an update WSUS server or equivalent in the case of Linux OS
- Deployment and application of global policies
- Implementation of a local DNS (Domain Name server)
- Implementation of a DHCP (Dynamic Host Configuration Protocol) server
- Domain optimization and redundancy
- Domain status monitoring

Mail server

Email is short for electronic mail. It is a way of writing, sending, and receiving messages in electronic communication systems.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Optimization and tuning of the existing email infrastructure
- Integration with mobile services BlackBerry, Android and others
- Implementation of WebMail
- Monitoring and statistics of email communication

File server

A business that handles a very large number of documents can use a file server where all documents can be located centrally, creating a type of document library.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Integration of security policies by expanding with FSRM (File Server Resource Manager)
- Optimization, migration of the existing file server
- Unification of various storages via DFS (Distributed File System)
- Monitoring the status of the file server

Backup server

Backup is the copying of current production data to backup media according to defined rules. An archival copy is used to determine the state of the data at a certain time.

- Audit of the existing backup status
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Optimization of the existing backup system
- Backup of files, databases, emails, system configurations, virtual servers, operating systems
- Monitoring of the correct functionality of the backup

VoIP server

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- Reduction of costs for the acquisition of a branch telephone exchange
- Connectivity to the public network within the data line
- Saving operating costs for communication infrastructure
- Connecting telephone devices at branches via a data network makes it possible to create a unified communication environment for companies operating in multiple cities and locations
- Advanced functions such as automatic attendant, call forwarding, call transfer, voicemail, blocking of outgoing calls, call recording, call routing by operators
- System integration with internal information systems such as CRM
- Use of hardware and softphones
- Call reporting including billing system
- Monitoring the status of the VoIP server

Web server

Every web server is connected to a computer network and receives requests in the form of HTTP. Based on the request, it sends the requested HTML page, text, image, video, or file as a response.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Optimization of the existing web server
- Integration of high availability through HA technology
- Hardening of the web server
- Use also as a reverse proxy server
- Monitoring the status of the web server

BASIC + RECOMMENDED portfolio of corporate infrastructure servers (number of employees **20-50** => medium-sized company)

Antivir server

It is a centralized system that aims to manage, update, and monitor antivirus clients that can identify and eliminate computer viruses.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Central update repository of virus databases for clients
- Central management of antivirus policies including clients
- Report on the status of servers, clients, updates
- Notification in case of threat of infection

Database server

A database system (often also a database management system) is a programming system for efficiently storing, modifying, and retrieving large amounts of persistent data.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Optimization of the existing database server
- Integration of a replication backup database server
- Maintenance plans, scheduled backup and recovery
- Monitoring the status of the database server

Camera server

Camera systems are currently an essential part of the equipment of any space where it is necessary to ensure effective surveillance, monitoring and subsequent evaluation of events.

- Audit of the existing environment
- Solution design and implementation based on the audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Possibility of analog, digital and IP image recording technology
- Possibility of recording images even at night, supplemented with voice recordings
- Possibility of automatically sending recordings to another storage
- Notification in case of exceeding the specified guarded boundary
- Monitoring the status of the camera area

Logging server

Logging is the ability of a process to record some information for later analysis by a system administrator.

- Audit of existing infrastructure
- Solution design and implementation based on audit and requirements analysis to optimize both one-time and operating costs
- Integration of tools for automatic parsing and categorization of logs
- Secure recording of events from network elements, servers and systems
- Viewing logs via web frontend
- Archiving logs for an optional period
- Optional notification and reports in case of unexpected events
- Monitoring the status of the logging server

Monitoring server

It is intended to provide information about the availability of servers, their services, or their various statuses.

- Audit of existing infrastructure
- Solution design and implementation based on audit and requirements analysis with the aim of optimizing both one-time and operating costs
- Secure recording of events from network elements, servers and systems
- Viewing monitoring statuses via frontend, graphs, statistics
- Optional notification and reports in case of unexpected events

Proxy server

It acts as an intermediary between the client and the target server, translating client requests and acting as a client to the target server.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Saving Internet connection capacity
- Filtering pages and suspected inappropriate content
- Reporting on Internet connection usage by users
- Monitoring the status of the proxy server

Print server

It is designed for configuration and management of network or local printers on a network. Through the print server, you have control over all print jobs of your printers.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Global management of network printers
- Reporting the status of printed jobs, toners
- Monitoring the status of network printers

BASIC + RECOMMENDED + ADVANCED portfolio of corporate infrastructure servers

(number of employees **50 or more** – large company)

AntiSpam server

It checks both received and sent messages to assess the likelihood of spam. Many AntiSpam control techniques are used to detect this type of message.

- Audit of the existing AntiSpam status
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Possibility of expansion with DLP (Data Lost Prevention)
- Optimization and tuning of the existing mail gateway
- Spam monitoring and statistics

Cloud server

Corporate or private users need access to data regardless of time, circumstances, and the device they want to use for this purpose. The solution is a public or private cloud server.

- Audit of existing environment
- Design of own CLOUD solution and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Includes gallery, contacts, calendar, text editor and versioning
- Supports multiple user management and file management
- Monitoring of Cloud server status

FTP server

File Transfer Protocol is a file transfer protocol designed to transfer files between computers, whether on the Internet or a local network.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Possibility of expansion with encrypted TLS connection
- Limitation of bandwidth for download/upload
- Setting quota for size or number of files
- Integration with access via web browser
- Notification in case of uploading a new file
- Monitoring the status of the FTP server

Groupware server

A collaboration system includes computer tools that help people collaborate. They allow group members to communicate with each other, share documents, and organize their work.

- Audit of the existing environment
- Solution design and implementation based on audit and requirements analysis with the aim of optimizing both one-time and operating costs
- Monitoring the status of the Groupware server

Penetration server

Penetration tests are essentially a simulation of a hacker attack. The attack can be directed from an external network, typically the Internet, but also from within a local network.

- Audit of the existing environment
- Solution design and implementation based on audit and analysis of requirements with the aim of optimizing both one-time and operating costs
- Vulnerability testing of operating systems, web, database and other servers
- Vulnerability testing of network devices also through in-depth scanners
- Preparation of audit reports after testing
- Monitoring the status of the penetration server

Virtualization server (Hypervisor)

It changes the traditional server architecture, where multiple different operating systems can run on a single physical computer, contributing to ensuring reliable, secure, and efficient IT operations.

- Audit of existing infrastructure
- Solution design and implementation based on audit and requirements analysis with the aim of optimizing both one-time and operating costs
- Saving operating costs by reducing the number of physical servers
- Efficient use of hardware resources (CPU, RAM, HDD) with the possibility of allocating them to individual systems according to requirements
- Easy migration of systems to more powerful hardware
- Easy backup and fast system recovery
- Conversion of hardware servers to virtual ones
- Central monitoring