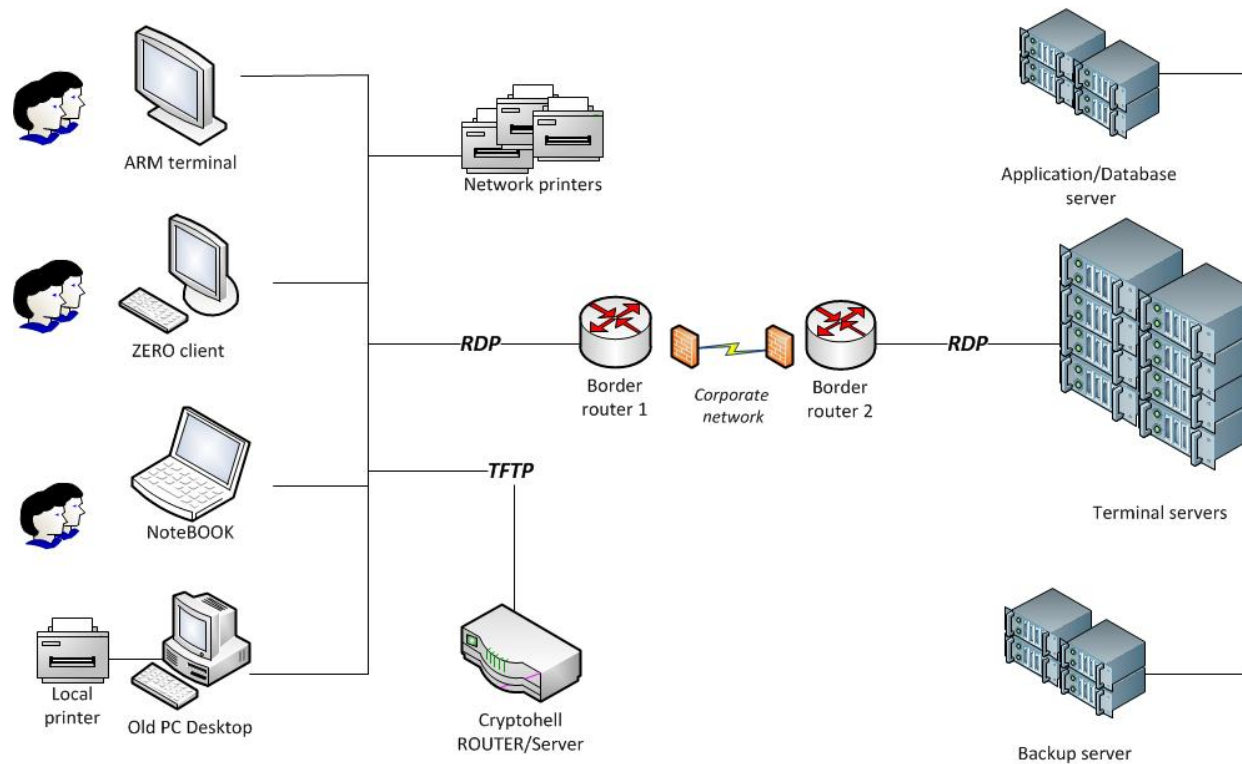


# CRYPTOSHELL



# Enterprise Cryptoshell IT-Infrastructure sample

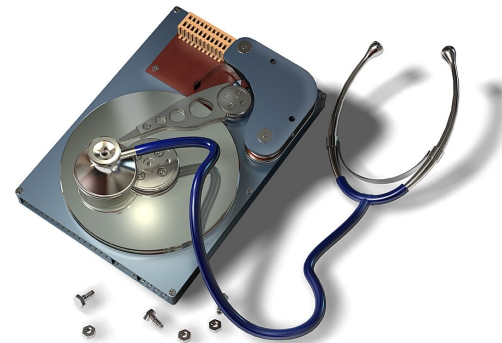


How does it looks like. Bank case.



# Desktop style working challenges

- Limited workplace flexibility
- Applications are bound to a workplace
- Security policies are limited by devices /software used.
- Changes, amendments, relocations – one needs day to make
- Continuous costly cycle for support, upgrades, security checks.
- Low adaptivity to constantly changing business environments, needs, challenges



# CRYPTOSHELL advantages

- Virtual working style support
- Any end-user devices support
- Fast adaptivity to constantly changing business requests, needs, challenges
- Application/environment unification
- Data protection, business contingency
- No third party access to your data, limited and controlled user access to your data

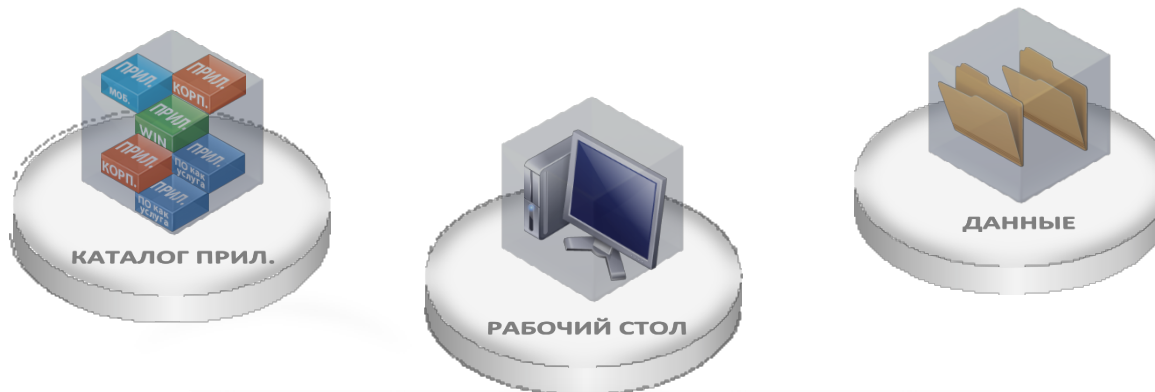




# Desktop delivery solution

## Remote Infrastructure

Delivery of desktop, data and applications as a single platform



## Cryptoshell

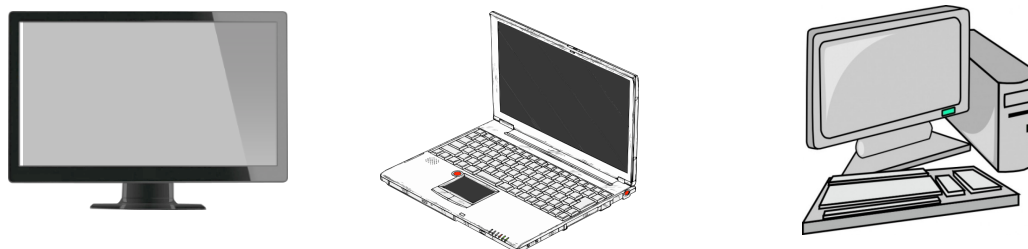
Delivers a desktop with user data and applications by specially developed broker, which ensures secured delivery of desktop data



## Local infrastructure

Flexible solutions for access – zero client, thin client, PC, notebook

**No preinstalled OS needed!**



# End user challenges response

## Challenges

- Applications are bound to particular device
- Limitations for devices possible to use
- Non effective usage for desktop devices in current environment – frequent travels etc.
- User is not happy and not effective.

## Cryptoshell Responses

- Variety of devices/approaches to choose from.
- Secure and flexible desktop access
- Dynamic and adaptive user environment
- Quick and effective deployment of new technologies/approaches/applications.



# IT Department Challenges and responses

## Challenges

- IT challenges for managing local applications/resources
- Applications and configurations are bound to local devices
- Complex processes for disaster recovery, upgrades and updates
- High costs for IT support

## Responses

- Centralized management for virtual and physical workstations
- Encapsulation of data and applications
- Upgrades and amendments are done for groups of users /all users at once
- Easy disaster recovery
- Datacenter data protection





# Business challenges and responses

## Challenges

- Every dollar invested into equipment takes THREE for management and support
- Compliance risks, security risks
- End user behavior and activity is not under control
- At least 8 hours lost annually for each user
- No innovation (high implementation costs, time consuming exercise)

## Responses

- Decreasing cost of ownership for up to 50%
- Decreasing support costs for up to 55%
- Adaptivity of business
- CAPEX flexibility
- Raised effectiveness and flexibility of end users, grip on a key personnel data, etc.



# Decreasing IT Infrastructure cost

## Decreasing ownership costs

- Less helpdesk requests
- Increased effectiveness of desktop PC's/terminals
- Easier compliance
- New user and desktop deployment within minutes

## Higher user effectiveness

- Decreasing idle user time
- Desktop data/application backups in automated way
- Easier work with desktop for end-user, single interface for different devices



## CAPEX decrease

- Ability to postpone the desktop upgrades
- Lower CAPEX for end-user devices
- Lower storage needs
- Better consolidation ratios for desktops
- Increased internal user profile density

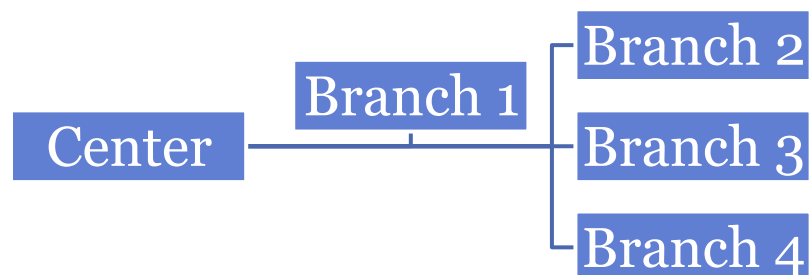


# Effective remote workplaces for effective business processes

- Decreasing costs using remote foreign users or partners
- Remote access for travelling users, foreign users, easy management
- Secure access for desktops for own and third party personnel
- Secure controlled access for data rooms
- Fast, reliable and controlled access to data and applications via global network (private lines supported )
- Fast deployment of new workplaces for new business processes, partners and programs
- Decreasing costs and protection of already oinvested funds
- Centralized data storages for more effective control of intellectual property of company and/or its clients
- More effective client support
- New workplace delivery in less than 8 minutes for business adaptivity

# Desktop solutions for remote offices

- Centralized delivery of desktops and software images
- Idle time reduction and cost ownership reduction up to 50%
- Fast and secure access to applications and data via global network (private solutions possible)
- Data protection in datacenters
- Automated IT infrastructure, remotely managed and controlled for small remote offices
- Low bandwidth channels supported, autonomous user supported.
- Secure controlled access to company data from any place



# Security

- After end of user session there is NO TRACK or ANY INFORMATION left on the terminal (no server IP, no hashes, no temp files).
- Everything is transmitted via secure channel at a loading time and stays only in RAM.
- Geographically separated terminals and Datacenter, secure delivery of a desktop brings confidentiality warranty in case of terminal loss/extraction from friendly hands.
- Fast disaster recovery of a local terminal.
- Controlled ability of local copying makes leaks a highly unlikely event.
- Data room access for third parties – for controlled view (and controlled only view) of data room.



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