

EXTRA.NET VPN PROJEKT

Client description

- Our Client is a respectable international business and industrial company. Its network within the Czech Republic counts approximately 100 contracted dealers.

Initial situation

- The Client has a leased private line between dealer sites and central site. The network is very stable, extremely secured but slow and expensive. The network is not any longer able to reflect the incoming expectations.

Goals

- To develop a useful and cost effective communication network – Extra.Net VPN – Virtual Private Network via Internet – safe, swift and cost effective
- To install and maintain this network

Definition of needs

- Accessibility of the central site – both for the dealers and the mobile users,
- The accessibility of company network for the dealers,
- The accessibility of the mobile users of an affair, towards this affair and only towards this affair,
- The accessibility of the central site, towards dealer central server,
- Secured accessibility for a given set of users within affairs to Internet
- Very strong availability of central site

Extranet properties

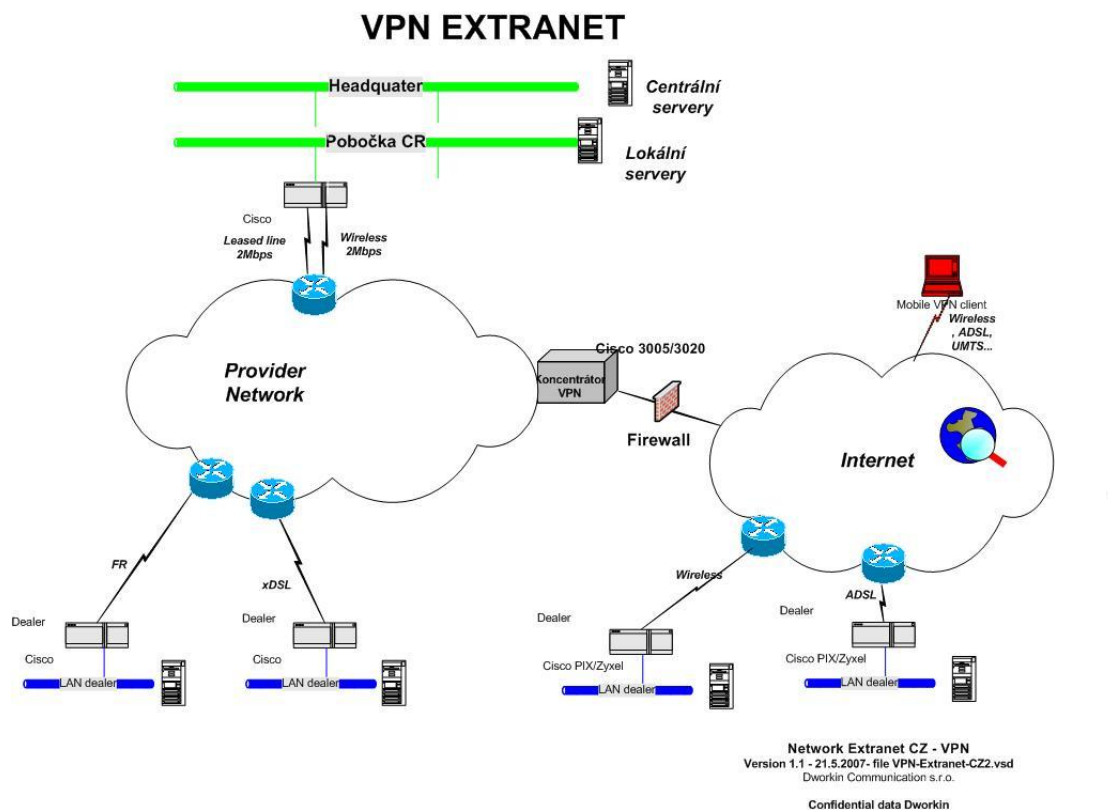
- Inter company oriented
- Standard “Internet” technology
- Secured
- Structured
- Private network but open to authorized partners
- Business oriented

Proposed solution

VPN – Virtual Private Network

- VPN technology is a secured extranet network technology using Internet network
- It is a secured, cheap and powerful solution

Network schema



VPN Central Site

VPN Central Site is based completely on Cisco technology. We have not found any other solution which can meet all requirements and – surprisingly – this solution is globally the cheapest one.

Dealer site

LAN Access:

Primary line: LL, xDSL, Wireless, Wifi...

Backup (optional): ISDN

HW clients: are based on Zyxel and/or

Cisco technology

Mobile access:

Any internet line: xDSL, ADSL, RTC, ISDN, GPRS, CDMA, UMTS.....

SW client: Cisco VPN client

Conclusion

We offer our client a complete VPN network solution.

- Infrastructure
- Installation
- HelpDesk
- Maintenance and supervision

This network meets all requirements and it can react to future needs too. The speed increased at least 10x and the price decrease at same time.

Investment return was between 3 and 11 month depending of line speed and used technology.