

Ensure. Virtual Network-Drive

Customer

The customer is an English company selling Human Resource Management (HRM) software solutions.

Aim

The main aim was to mount FTP or WebDav resource into the system as a usual network drive with all available functions of the file system. Target OS: Windows 2000, XP, 2003, Vista.

Solution

A complex of programs has been developed as a solution:

- a driver mini-redirector (for creating a virtual disc in the system);
- a service (for transforming the queries from http/ftp on high level);
- a program-configurator;
- the library «Network-Provider» (for a correct work with network drive).

Ensure is a complex of program solutions for providing access to remote WebDav and FTP servers by assigning a network drive to these servers. All work with files on remote servers is accomplished in such a way, as if they were stored locally on the hard disc. Ensure transforms all operations with network drive in WebDav and FTP commands transparently. As for the programs, not supporting the work under the protocol WebDav and FTP, Ensure allows them to work with remote files: create, delete, edit, copy. To provide security, Ensure supports data encryption under the SSL protocol, and authorization on the remote server by a smart-card.

Basic functions

- Creation.
- Copying.
- Deleting.
- Renaming.
- Launching.

Technologies

VisualStudio 2005, MFC, WinAPI, FSDDK, C++, FTP, WebDAV.

Product Title

Ensure

Project Capacity

36 man-months