

Enterprise Security Management

AREA OF COMPETENCES: Enterprise Business Solution

INDUSTRY: Finance and Banking

CHALLENGE



Development and integration of three independent desktop solutions: Secure Folder, Single Sign On (SSO), and Secure Login to qualify to the high demands of data security and protection in the banking sector.

SOLUTION

Secure Folder addresses secure data storage on the hard disk. Encrypted data on HDD can only be accessed by using unique encoding keys provided on tokens: smartcard, iKey, floppy disk, etc.



IP Devel built a filter-driver module inserted between the operating system and the file system in order to scan for the encoding key each time the user opens a file (thus, decrypting content) and closes it (encrypting it, respectively).

The applications' login solution, SSO, uses a similar token in order to provide the end-user with access to his/her set of applications on a certain computer/network. The Secure Login was solved by modifying the Windows interface to accept a token containing the needed login credentials.

All three desktop solutions are Windows 95 to XP compatible and have been further contracted by companies with over 10 000 users.

The SSO and Secure Login solutions are presently smoothly operating together, while our team is working on integrating the folder security application in the same package.

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ABOUT OUR CLIENT

NexantiS Corporation was created in 2001 by DNP as a 100% subsidiary to focus on computer security. With a history of over 125 years, Dai Nippon Printing (DNP) is one of the world's largest comprehensive printing companies, with annual sales of 1,312 billion yen and 35,000 employees.