

DESKTOP PLUG-IN FOR MFP DEVICE

The client is household name in the field of imaging technologies and also an admired name in Multi-functional peripherals. Newgen developed an application that simulates the data storage heirarchy of various MFP devices on a network connected desktop system in the form of User friendly Interface. The applications also provides support for operating on the device-data through this simulated interface.

CHALLENGE

MFP devices have an integrated display panel for providing User Interface to perform various device-supported operations on the documents stored on the devices. These User Interfaces are generally very compact and complex to operate due to limited display size of panels. To provide a more user friendly interface on a connected desktop system requires understanding of functional details of device. Another challenge is to implement a robust communication channel between device and desktop system that is well synchronized. The inter conversion of data storage formats between device and desktop system was also a challenge.

SOLUTION

Newgen worked on designing complete architecture and provided a solution that not only provides a user-friendly interface and well-synchronized communication channel but also enhances possibilities for operating on the device data by providing a numerous additional operations that have not been possible by operating through device attached display panels.

This product manages documents stored on the MFP devices and also provides facility to download these documents in different formats and also to view and print them.

BENEFITS

- ✘ Provides additional operation possibilities on the device documents by downloading them in the the desktopsystem.
- ✘ Ease in managing documents stored on MFP device through a network connected system.
- ✘ Facilitates multi-user operability on the MFP documents by providing simultaneous connection support with several networked systems.

TECHNOLOGIES

- ✘ C++ / VC++
- ✘ COM / DCOM / ATL

PROJECT TEAM

- ✘ 50 person months
- ✘ Duration - 6 months

SOFTWARE ENGINEERING SERVICES AT NEWGEN

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Services provided include:

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