

## PERFORMANCE ENHANCEMENT IN EXISTING PRODUCT AND RE-DESIGN OF NEW PRODUCT

The client is household name in the field of imaging technologies and also an admired name in Multi-functional peripherals. The client's DMS product performance was poor and the task of resolving the performance issues and scalability problems was given to Newgen. Product performance improved substantially and existing users of product were satisfied after the optimizing activity. Newgen was given the task of working on the new architecture / new design of the product.

### CHALLENGE

The existing product with installations at customer sites was having many performance issue and scalability problems. These issues were making it very difficult to promote the product in the market.

### SOLUTION

Newgen reworked on the complete architecture and provided a scalable solution. The optimized product manages virtually all types of data — including scanned documents, data created with applications, and Web content — in PDF format for easy editing, processing and searching. The product also allows distribution of documents with unprecedented ease.

Together with the network scanning functions of client's high end multifunctional peripheral, this system can automate entire document flow - automatically importing scanned data, providing quick searches and easy editing, and then automatically outputting the result in whatever form one wants.

This system is capable of converting all of the information assets in one's office into the electronic data that today's e-offices demand. The new product is now one of the flagship products of the client.

### BENEFITS

- ⊗ Existing customers satisfied after performance of the existing product improved substantially
- ⊗ Various new features added in the re-designed product
- ⊗ Captured major share of the market with the new product

### TECHNOLOGIES

- ⊗ C++ / VC++
- ⊗ COM / DCOM / ATL
- ⊗ Acrobat SDK
- ⊗ Acrobat Security
- ⊗ SMIME / POP3S
- ⊗ Lead Tool Libraries

### PROJECT TEAM

Optimization – 30 person months  
New Product – 110 person months

### SOFTWARE ENGINEERING SERVICES AT NEWGEN

Newgen is a specialized provider of Software Engineering Outsourcing services. Over the last decade, Newgen has provided services to leading global packaged software product and enterprise software product companies.

Services provided include:

- ⊗ Product Strategy and Conceptualization
- ⊗ New Product development
- ⊗ Product Extension
- ⊗ Product Maintenance and Support
- ⊗ Testing & Quality Assurance
- ⊗ Porting / Migration
- ⊗ Internationalization and Localization
- ⊗ SaaS Enablement
- ⊗ Professional Services