

>> CASE STUDY

CANON USA, INC. Systems 21 Project



CLIENT OVERVIEW

Canon U.S.A., Inc., headquartered in Lake Success, New York, is a leader in professional and consumer business imaging equipment and information systems. Our extensive product line and digital solutions enable businesses and consumers worldwide to capture, store, and distribute information. Canon products include color and black-and-white copiers, printers, image filing systems, facsimile machines, cameras and lenses, camcorders, semiconductor, broadcast, encoders/optoelectric components and optical equipment, flatbed scanners, and other specialized industrial products. The Company is listed by Fortune as one of the “Most Admired Companies in America,” and is ranked #35 on the Business Week list of “Top 100 Brands”.

CLIENT OBJECTIVE

Team Glyphic works with Canon on the Systems 21 Project as part of the Architecture Team to help modernize

Canon’s infrastructure, systems and business processes. Canon’s objective of S21 System is to rebuild core applications to eliminate inflexibility of the existing IT applications in handling growing business needs.

Canon approved the Architecture Group and requested the Architecture Team come up with Architecture standards for the new system.

THE OBJECTIVES OF THE NEW SYSTEM WERE

- Implement a unified, robust and scalable architecture that promotes common designs.
- Decrease the technical complexity of assets to license, maintain and upgrade.
- Promote use of standard technologies and consistent architectures.
- Minimize changes to legacy systems in communicating with new S21 systems.

GLYPHIC SOLUTION

Glyphic has been an active and leading partner on the architecture team and provided SOA & Message Broker solutions as part of the S21 Application Integration Architecture. Glyphic performed analysis of Canon's Needs and recommended the technology/tools for the application and integration architecture.

Glyphic's S21 Integration Team members performed a gap analysis of existing integrations between legacy systems and current Service Oriented Architecture environments, addressing all the points between S21 applications and legacy 3rd party systems.

Glyphic then completed the proof of concept that evaluated the tools chosen to work with Canon on its solutions and introduced IBM WebSphere Message Broker for the S21 implementation.

Glyphic's team served as subject matter experts, architecting and approving all integration efforts utilizing WebSphere Message Broker. The S21 Integration Framework provides audit services for data flowing through and Alert Notifications, Error Handling and Recovery/Reprocess of Data as needed.

Tools/Technologies

WebSphere Message Broker, WebSphere MQ, WebSphere Application Server, Tivoli Omegamon, Oracle, HP OpenView, BMC, Linux