

## AEDIS IN THE JAPAN NIPPON CALS (NCALS) PROJECT

### National CALS (Computer Aided Logistics Support) Integration

ILT's Agile Electronic Distributed Information Solution (AEDIS) is the centerpiece for the Japanese government Nippon national CALS pilot project. In September of 1994, Japanese industry and government officially convened for the first time to discuss future research and development of CALS. This meeting led to the creation of the CALS Technology Research Association, for which the Ministry of International Trade and Industry (MITI) received research funding.

The domestic pilot project was called the Nippon CALS Research Partnership (NCALS) and was established on May 9, 1995 for a 3-year period (Figure 1.).

The objective of the project was to demonstrate the effectiveness of CALS by developing and implementing a CALS model for a pump system in a power generating plant. At present 67 companies are participating, including Tokyo Electric Power Company (TEPCO), Hitachi, Toshiba, Unisys, NEC, Mitsubishi Electric, NTT and Fujitsu. The short time schedule was set for fear that taking any longer would cause Japan to fall behind the U.S. and European CALS development. AEDIS provides the solution and includes the technology for the Technical Data Interchange (TDI) that is used between the many contractors and suppliers of TEPCO, nationally and internationally (Figure 2.).

A fully operational Contractor Integrated Technical Information Service (CITIS) is being continually expanded as part of the pilot project, so that all contractors involved in NCALS have access to project data on a secure basis.

A complete integrated product database will be maintained throughout the life of the project and will continue to be a fully operational information support system.

Figure 1. Japan's National Nippon CALS (NCALS) Project

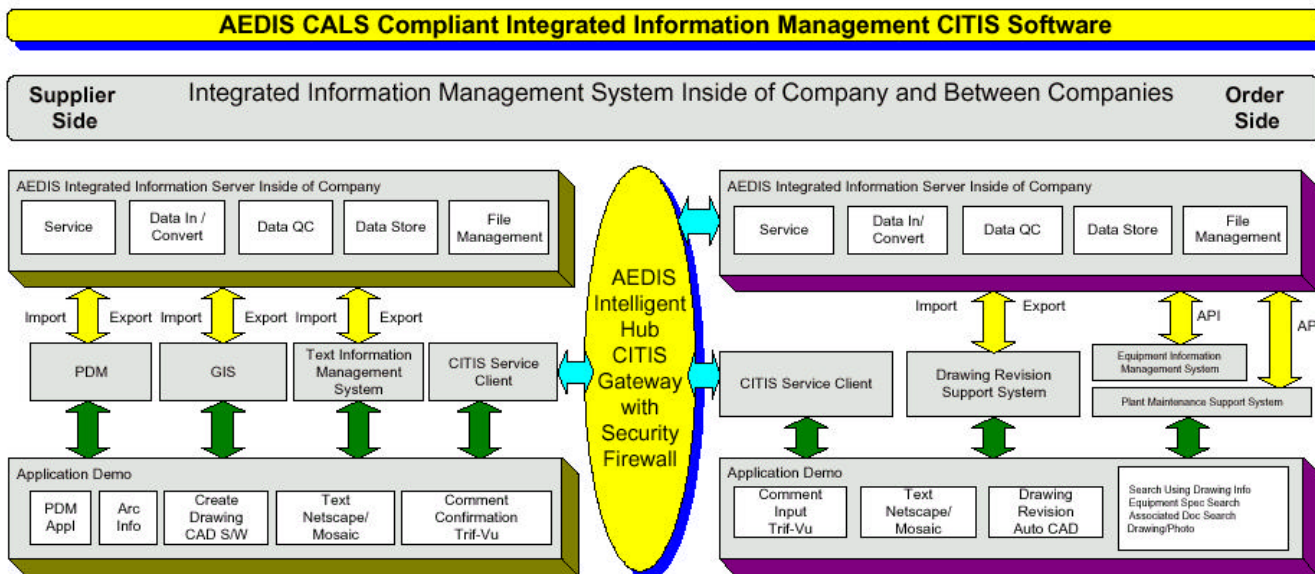


Figure 2. AEDIS Intelligent Hub Services

