

Industrial^{IT} for Papermaking

ABB breaks new ground by offering first cpmPlus Smart Client in India.

ABB's cpmPlus Smart Client solution collects and monitors critical mill data from ITC Paperboards and Specialty Papers Division's Bhadrachalam, Kovai and Tribeni units

ITC's Paperboards and Specialty Papers Division is one of India's largest and most technologically advanced paper and paper boards business. The Bhadrachalam unit is India's largest integrated pulping and paperboard manufacturing unit. The Kovai unit currently focuses entirely on recycled boards, servicing requirements for both greyback and white-back recycled boards. The Tribeni unit specializes in fine papers and tissues.

Client requirement

ITC wanted a centralized monitoring system for collection of critical process and plant data from various production units spread across the country. Online reporting of the data to head office and across production units coupled with data integration with ITC's SAP system.

Challenges

Integrating systems from 3 geographically different locations, namely Bhadrachalam, Kovai and Tribeni. Seamless informa-



tion management from third-party Discreet Control System (DCS) was also a challenge.

Solution by ABB

System 800xA technology provides intelligent data access and viewing functions by assisting all levels of personnel in making quick, informed decisions taking appropriate action and improving performance.

Benefits

Major benefits of the cpmPlus Smart Client include eliminating duplicate engineering by using the existing data definitions. All information defined in 800xA, including upper and lower limits are seamlessly available in cpmPlus Smart Client. There is a simplified display configuration that requires no programming.

Displays are configured using drag-and-drop components and information from system 800xA property browser.

Information from all connected System 800xA's is easily available. Most importantly, using cpmPlus Smart Client allows clients to lower the overall cost.

ABB team

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