

Hyundai Engineering

Industry

- Construction engineering

Company Facts

- Founded 1974
- ISO 9001 certified
- 1400 employees

Challenge

- Management of workflow for viewing, markup and consolidation of electronic documents on a central server where multiple users and locations can access, review and markup files.

ROI

- Reduce costs
- Increase productivity
- Simplify workflow process

Customer Quote

“Brava is very attractive because markup data is saved on the central server so users anywhere in the world can access the data easily, regardless of the network environment.”

Myung-Su Han,
GM, HEC’s Engineering
Automation
Department

Company Overview

Founded in 1974, Hyundai Engineering Co., Ltd. (HEC) has emerged as one of leading engineering and consulting firms in Korea. HEC has extensive experience in the field of oil and gas processing, refineries, offshore facilities, power and energy, industrial plants, environmental system and SOC. They are currently carrying out numerous projects in the Middle East including India and Pakistan, and Southeast Asia, including Indonesia and Cambodia.

Operational Challenge

Over a hundred of HEC employees needed to locate and download files from their EDC system (EMC Documentum) to their desktops by using a native CAD application or other desktop viewer to review project drawings and documents. For construction branch offices abroad, this often meant downloading very large drawings using low-speed internet access, often taking up to hours to download a single file.

This process was time consuming and slow. Drawings were printed, marked up by hand and then scanned to a PDF or TIFF rendition to send to partners, subcontractors and colleagues.

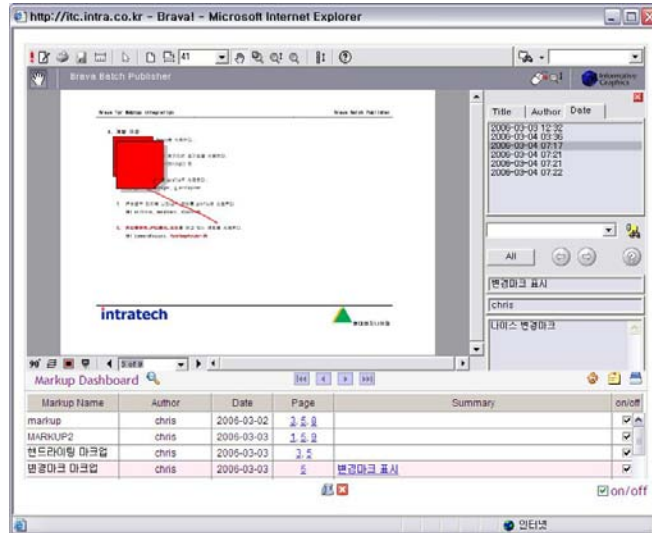
The Brava!® Solution

HEC began using Brava!® Enterprise from U.S.-based Informative Graphics Corp. (IGC) in 2004 to streamline their review and collaboration processes. Intratech, IGC’s Korean distributor, provided local support of Brava with its integration into HEC’s online project portal.

“Brava is very attractive because markup data is saved on the central server so users anywhere in the world can access the data easily, regardless of the network environment,” explains Myung-Su Han, GM of HEC’s Engineering Automation Department. “In addition, we have our own Documentum-based online project portal called Project Space for collaboration, so Brava could be integrated to this very tightly with Intratech’s professional integration services.”

Intratech has developed and provided HEC with a markup review tool (dubbed the “markup dashboard”) to provide efficient markup review. It opens below Brava in the browser window and lists all markup data on the opened file. In the markup dashboard, users can check how many markups exist, who created them and which pages have markups.

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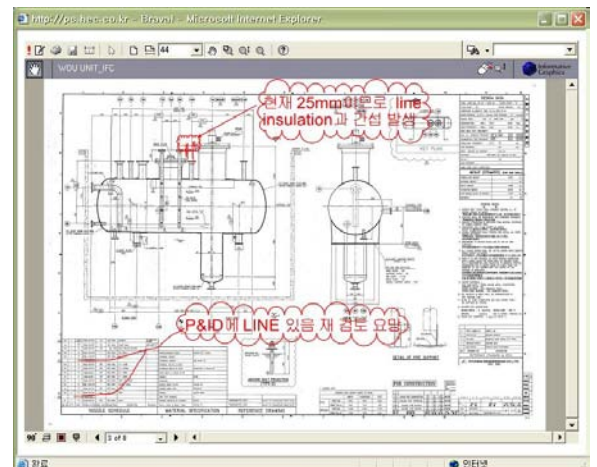
Brava Viewer with Markups

Brava opens the markup with a simple click and automatically jumps to the appropriate page. It exports markup lists to an Excel file and prints just the pages with markups.

Operational Results

HEC improved the level of collaboration with global consortium partners, elevating from simple folder sharing to true online collaboration through Brava. Today, project partners and HEC perform online collaboration through their project portal to unify the project and execute it efficiently.

Han added "Online markup is essential in global work sharing. Due to the excellent markup functions of Brava and its combination with workflow, we can achieve the true global work sharing."



Markup Dashboard



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