

Company A

CUSTOMER CASE STUDY

e-Procurement system rebuilding and enhancement project

Industry Insulated Wire and Cable Manufacturing

No. of Employees About 6,500

Revenue About KRW 6.7 trillion (as of 2024)

📅 2022.06 ~ 2023.04/2023.11 ~ 2024.07

Customer Comments

A scalable, connected, and secure procurement system has enhanced the efficiency and flexibility of our supply chain.

Procurement Planning Team Manager at Company A

Project Overview

Challenges

Limitations in procurement functionality and emerging security vulnerabilities caused by system aging

Constraints in improving and utilizing functions due to system aging

Degraded management and use of procurement and supplier data

Security vulnerabilities emerging following the end of IE support

Solutions

Implementing a **company-specific procurement process to improve efficiency and visibility**

Implementing a manufacturing-optimized procurement process

Internalizing key procurement functions & offering various convenience features

Establishing a stable operating environment based on HTML5 web standards

Results

Enhanced supply chain efficiency through a procurement system with **scalability, connectivity, and security**

Securing system scalability for add-on development

Supporting rapid decision-making through improved visibility of procurement information

Ensuring compatibility w/ current browsers & addressing security vulnerabilities

Implemented Software Coverage

PR Bidding e-Contract POM Inspection/Goods Receipt Inventory Mgmt. Supplier Reg./Eval.
Procurement Performance Mgmt. Workplace Search Engine System Admin

Challenges

Limitations in procurement functionality and emerging security vulnerabilities caused by system aging

Company A's e-Procurement system, built in 2005, had become outdated, making it difficult to utilize procurement functions and access data. Limitations in system updates and feature enhancements meant that most procurement tasks were handled through the ERP system instead. With the end of Internet Explorer support approaching, concerns over security vulnerabilities also made it urgent to adopt a system compatible with the latest web browsers.

Also, as users increasingly needed not only procurement functions tailored to Company A, but also various convenience features such as big-data analysis, risk management, and real-time reporting, and as the market environment continued to change rapidly, a more flexible and scalable procurement system became necessary.

Our Solution

Implementing a company-specific procurement process to improve efficiency and visibility

Emro analyzed and designed the new e-Procurement system based on Company A's key needs, including efficient cost management, improved visibility of procurement data, and enhanced contract process efficiency. Based on this, Emro built a system that provides functions tailored to Company A's procurement operations such as cable and wire purchasing and supports various types of bidding and contract management.

After the system went live in 2023, Company A carried out an additional enhancement phase to digitalize supplier evaluations and subcontract production information management that had previously been managed manually in Excel. This created an environment where supplier management can be conducted based on more structured and objective data.

Results

Enhanced supply chain efficiency through a procurement system with scalability, connectivity, and security

Company A improved overall supply chain efficiency through the new e-Procurement system developed with Emro. By implementing key procurement functions such as bidding, PO, and delivery within the system, collaboration with suppliers was significantly enhanced. Supplier registration and evaluations can now also be performed within the system, improving objectivity and transparency in supplier management.

Procurement performance data and long-overdue items, previously difficult to access, can now be viewed on dashboards, reducing time and resources and enabling faster, more informed decision-making.

Security and scalability were strengthened as well. The new HTML5 based system is compatible with major browsers such as Edge, Chrome, and Firefox, allowing a smooth transition from Internet Explorer and resolving security issues. The system also supports seamless integration with other systems including SAP and offers scalability for additional feature development, enabling Company A to expand functions, support subsidiaries, and flexible response to changing business environments.