

## Procurement system implementation project

Industry            System software development  
 No. of Employees    About 500  
 Revenue            About KRW 151.7 billion (as of 2024)

📅 2023.08 ~ 2024.03

### Customer Comments

**Through system-based procurement operations,  
 the product competitive bidding rate  
 increased by 35%p.**

Hyungu Heo, Pro, Procurement Group, SECUI

### Project Overview

#### Challenges

Limited visibility and tracking of company-wide procurement due to dispersed processes

Procurement activities dispersed across in-house systems & manual processes

Challenges in accuracy & transparency due to limited purchase history management

Inefficiencies arising from manual data analysis

#### Solutions

Providing customized features through an **all-in-one system covering the entire procurement process**

Establishing an integrated procurement process on a single system

Customized procurement & management functions for the security industry

Providing convenient features such as dashboards, supplier management

#### Results

Improved procurement performance with a structured, tailored procurement environment

A 35%p increase in product competitive bidding rates, enhancing purchasing competitiveness

Reduced time for preparing regular report via dashboards

Enhanced efficiency with system-based supplier mgmt. & staged notifications

## Implemented Software Coverage

PR

Supplier Selection

e-Contract

Supplier Registration

Supplier Evaluation

Workplace

Dashboard

## Challenges

### Limited visibility and tracking of company-wide procurement due to dispersed processes

SECUI had been managing procurement through independently developed systems for each purchasing area, but key activities such as information sharing with suppliers, bidding, contracting, and surety insurance management were still carried out via email rather than through a unified platform. This decentralized approach made it difficult to gain a clear, company-wide view of procurement activities. Email-based processes also hindered structured communication tracking with suppliers, creating potential risks in accuracy and transparency.

To resolve these challenges, SECUI aimed to build a new procurement system that integrates all purchasing activities and connects seamlessly with internal core systems to establish a fully integrated procurement process.

## Our Solution

### Providing customized features through an all-in-one system covering the entire procurement process

Emro worked with SECUI for approximately eight months to build an all-in-one integrated procurement system that centralizes all purchasing activities and establishes a unified company-wide procurement process.

The system was customized to support SECUI's security solution procurement model, including OEM and ODM manufacturing management, and was seamlessly integrated with the ERP system to improve data consistency. To enhance operational security, a multi-factor authentication feature using OTP was also developed. In addition, a dashboard with strong visibility and reporting capabilities was implemented to strengthen procurement competitiveness through data-driven insights.

## Results

### Improved procurement performance with a structured, tailored procurement environment

With the new procurement system built by Emro, SECUI significantly improved procurement efficiency and performance. The product competitive bidding rate rose from an annual average of 46% to 81%, strengthening overall procurement competitiveness. System-based operations also reduced human-error risks and improved process transparency.

The new dashboard and reporting features replaced the previous manual work, enabling quick report generation and reducing operational workload. The procurement request process was unified within the system, standardizing each step and providing real-time visibility, which improved user convenience. An internal survey showed an average satisfaction score of 90 points.

Supplier communication also improved as tasks such as information sharing, bidding, contracting, and surety insurance management were consolidated into one system. Stage-based alerts helped prevent missed tasks and enhanced communication and history management with suppliers.