



Defense Firm Uses AgilePoint Low-Code Automation Solutions to Accelerate Global Growth Strategy



Industry: High-Tech & Defense / AgilePoint Customer since 2005

Elbit Systems Ltd. (ESLT) is a global innovator and developer of defense and homeland security systems. To accelerate its growth through a global acquisition strategy, Elbit deployed AgilePoint to modernize application development. AgilePoint's low-code framework enables IT to build reusable no-code components as effective connections to its underlying systems. Business analysts would then create adaptive process-enabled applications to serve as shared services and orchestrate among subsidiaries and the parent company – while complying with regulatory requirements.

Challenge & Objective

Elbit was looking for an application development solution that would align with their existing Microsoft-based infrastructure and support their global acquisition strategy. The primary challenge was integrating varied technologies amongst all the new subsidiaries, data and process consolidation, and sharing data between subsidiaries and the parent company – all while adhering to strict accounting and regulatory requirements.

Elbit needed a solution that would work effectively with Share-Point, VB, and .NET from a functional perspective and addressed technology requirements that called for the distribution of new applications throughout the organization.

During the selection process Elbit took into consideration two different types of users: IT pros that would build components to access various applications, and business analysts that would build process-enabled applications for the end-user without any need for specialized knowledge of the back-end applications.

Project Goal

The goal of the initial project was to increase Elbit's operating efficiency in processing purchase orders by at least 60%. Prior to the start of their project, the average purchase order processing time was 28 days.

Elbit had implemented a business services architecture in which IT provided re-usable services for the business to develop applications that integrate with back-end systems throughout the organization. Additionally, this provided transparency between systems, enabled better strategic planning, and gave subsidiaries the freedom to decide which set of IT systems they wanted to use.



“From a technology point of view, we have taken a best of breed approach. That means that we are concentrating on enabling more effective connections to our underlying systems to allow us to leverage them in new process-enabled applications.”

Shmulik Volkenfeld
Director of IT

Project Result

AgilePoint provided the development framework that enabled Elbit to create a 550-activity purchase order application that could be consumed as a service by all of the subsidiaries. Developers worked with the AgilePart feature of the AgilePoint Low-Code development framework, developing a component library that wraps and encapsulates the ERP system and other functional applications.

For Business Analysts, the AgilePoint No-Code platform and its support for SharePoint and Office 365 empowered them to develop new applications that leveraged these components without deep technical knowledge. This meant Elbit could divert precious IT resources elsewhere that formerly handled the development of applications.

For maintenance, Elbit can make changes at either the component or the process level, without affecting other parts of the system. They also leverage and integrate with a Business Rules capability to govern the functionality of a given component, effectively customizing it to the subsidiary, thus addressing specific compliance and regulatory requirements.

Project Success Metrics



95% Time Decrease

Average Purchase Order Processing Time from 28 Days to 2.3 Days

Additional Business Benefits

The solution yielded numerous additional benefits that increased Elbit's operational efficiency:



Comprehensive and contextual forms that allow users to receive the data they need to complete activities and tasks



A flexible reporting infrastructure that makes information available to all subsidiaries and to multiple levels of management



Alerts and notifications that ensure processes are not delayed by overdue tasks and that help ensure projects finish on-time



Reduction of IT maintenance costs by supporting a business services model that utilizes discrete, re-usable components



Complete B2B approval system built with AgilePoint that works between major partners like Boeing and C-Level Executives

Additional Usage Statistics

75%

of Elbit's 70 AgilePoint applications are defined as business critical

5M

process per year between headquarters and global subsidiaries

30,000

concurrent running process instances on average

< 1 day

average purchase order processing time for amounts over \$2M

Enabling transformation while simplifying the application portfolio with intelligent automation . . .

AgilePoint enabled Elbit to create a single purchase order application that could be consumed as a service and adapt to changing requirements of Elbit's global subsidiaries without the need to create and maintain multiple versions.

