



Industrial-strength Security for Scot Forge

“Using Security Manager Pro has enabled us to standardize and rationalize – saving an enormous amount of work. Without it, I can’t see how we would have coped”

OVERVIEW

Challenge

Scot Forge needed a solution to help them to manage security more efficiently, giving them the flexibility to change users’ responsibilities easily. They also needed to be able to roll security out to additional plants quickly and easily.

Q Software Solution

Security Manager Pro

Benefits

- Security is now standardized and rationalised, saving an enormous amount of work
- They can quickly roll out the security model to additional plants
- They can quickly find out who can access what and report on all types of security details
- Security Manager Pro’s powerful tools save them a lot of time.

When Scot Forge implemented JD Edwards EnterpriseOne, a vital component of the project was security. It was critical to avoid expensive errors through erroneous application or data access, as well as to ensure that only authorized staff could see data.

They started by using the native JDE security tools. The Business Analysts defined Roles by identifying all the applications and reports that employees needed to use, tracking where those programs were accessed and checking all the exits or buttons that led to other applications. They recorded the Role information, with appropriate security settings, in spreadsheets which they passed to the CNC to key into the Security Workbench.

Limitations of Native JD Edwards Security Tools

“That whole process was very time-consuming, and the workload on the CNC led to a bottleneck,” says Courtney Henningfeld, Business Systems Analyst at Scot Forge. “It was also very difficult to get it right – even after several iterations. And the lack of reporting made it impossible to ascertain exactly what access users had.”

It was also inflexible. Scot Forge’s lean workforce of employee-owners tends to work across a range of functions and people often take on extra responsibilities whilst retaining existing roles – but such changes could create an avalanche of work for the CNC.

These problems, together with the daunting prospect of having to repeat the whole process from scratch every time JDE was rolled out to a new plant, led Courtney to search for a better solution. The aim was to implement an efficient, standardized security model which was scalable and minimized duplication, yet gave them the flexibility to make changes easily and quickly.

She approached Q Software and a competitive supplier. “We could see that Q Software would make things much easier and quicker to manage,” says Courtney. “But with the competitor’s offering we couldn’t see where the savings would come from, nor could we understand how it could deliver what we needed.

“We were also concerned about the way that the other supplier’s software held the security in the F00950 security table. With Q Software, an experienced CNC can look at the F00950 and see what’s in a given Role, but you can’t do that with the other solution.

“Additionally, Q Software’s files sit in dedicated custom JDE tables, but the live security is written to the F00950 in such a way that if for any reason you decide to stop using the Q solution, you wouldn’t have to do anything to change your Roles. But if you stopped using the other supplier’s product, you’d have to completely re-do your security. That was too big a risk for us.”



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ABOUT SCOT FORGE

Scot Forge is proud to be a 100% employee-owned manufacturer of custom open die forgings and seamless rolled rings. Starting as a small hammer shop in Chicago in 1893, Scot Forge has over 120 years of experience. Today we have the capability to forge parts weighing up to 100,000 lbs., and roll seamless rings up to 252" in diameter. Operating with more than 1.3 million sq. ft. of manufacturing space between our five plants, over 250 million lbs. of forgings are shipped from Scot Forge annually. We develop forged solutions for everything from the world's physical infrastructure, energy and transportation to manufacturing, mining, and our national defense. For more information about Scot Forge, our unique employee owned culture, capabilities and markets, please visit our website at www.scotforge.com.

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"SMP comes with lots of tools that don't exist in native JD Edwards. They've saved us a lot of time and manual slog"

ABOUT Q SOFTWARE:

Q Software delivers security and compliance solutions for users of JD Edwards EnterpriseOne, JD Edwards World and Oracle E-Business Suite. Our products help customers protect their businesses from fraud whilst significantly reducing the cost, effort, and complexity of managing risk and demonstrating regulatory compliance.



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A Little Help from Their Friends Gets the Job Done Quickly

Courtney's team decided to recruit external help to scope the project. Q Software introduced business partner ERP-One, and Scot Forge team contracted them to carry out the security implementation work.

ERP-One worked with Scot Forge to define the Roles, creating processed-based Components that define all the security needed to carry out a particular set of tasks. They used the Security Manager Pro (SMP) tools to specify all the relevant JDE applications, add the appropriate security, and then include UBEs. The tools then identified exits, hidden programs etc. that needed additional security to make sure that only the necessary access was granted and any unauthorized access was removed. Scot Forge uses many applications that use push-buttons and these were also identified by the SMP tools – with native JDE tools, they would have had to be tracked down manually.

"SMP comes with lots of tools that don't exist in native JDE," says Courtney. "They've saved us a lot of time and manual slog."

Once the Components were created, they could then be added to every Role that performs that task. When subsequent changes become necessary, such as when introducing a different version of an application, the CNC only needs to apply the change once, to the Component, to update the security for all affected Roles.

Easy Reporting: Detailed Information at the Touch of a Button

"Q Software holds its data in custom JDE tables, so users can either use the Insight for Q Software reporting module or their preferred third party reporting tool to create whatever custom enquiries and reports they need," says Matt Vanderkooy of ERP-One.

The easy reporting has also saved time in creating EnterpriseOne Pages for Shop Floor staff.

"We produced reports showing the Employee Owners' access, agreed with their Supervisors what applications needed to go on a Page, ticked them on the list, and then built the Page accordingly. It's much quicker than starting from nothing."

Q Software's Task View Manager toolset allows the Business Analysts to access menus via an intuitive web interface, as well as copy and edit Task details in a grid format. Scot Forge also uses Copy Favourites functionality to standardize Favourites among similar users.

The Rewards: Efficiency, Scalability, Flexibility, Sustainability

"When we started out, we didn't realize how complex JDE security was," states Courtney. "Using Security Manager Pro has enabled us to standardize and rationalize – saving an enormous amount of work. Without it, I can't see how we would have coped."

"And the beauty of it is that we can quickly roll out the model to new plants as we introduce the JD Edwards system to them. Without SMP we would have needed widely different security structures in each plant, and would have had to start from scratch every time."