InterGen generates an efficient, reliable and auditable Security Model

OVERVIEW

Challenge
To create an auditable security model to support InterGen's complex organizational structure and to achieve the equivalent of SOX compliance.

Q Software Solution
Security Manager Pro

ERP System
JD Edwards EnterpriseOne

Benefits
- Security set-up and maintenance now takes a fraction of the time
- The security model has been simplified and is much easier to manage
- Pre-defined Roles and proactive SoD checks result in fewer security management mistakes.
- SoD management and reporting is now much easier.

"Security management now requires only 4-8 hours effort per month, whereas previously it took the equivalent of one full time person."

The Problem

As a privately held, global company with many sites across the world, InterGen found it difficult to create a manageable security model in which they could have full confidence.

InterGen has a complex structure, with multiple legal entities and a multi-layered organization. This resulted in a complicated security model with hundreds of roles – making it very difficult to manage and almost impossible to audit.

Although they are a privately-owned company, to ensure good governance they decided to voluntarily adopt security standards equivalent to those required for SOX compliance. This meant that they needed to create an auditable model that would enable them to conduct reliable semi-annual access and Segregation of Duties reviews to ensure that their security was up-to-date, effective and compliant.

The Solution

The company selected Security Manager Pro (SMP) to build their new security model. SMP allowed them to define the security for their business processes as Components, which could then be attached to roles, as appropriate, to define the full range of responsibilities that each role could perform.

To restrict users' access to appropriate data, they were also able to create data roles which specified the row security for the various locations and legal entities.

Each user could then be assigned the appropriate combination of functional and data roles that is appropriate for their job.

"With this methodology, we reduced the total number of roles to 60," says Veer Ranganathan, Manager at InterGen. "The component approach made it much quicker and easier to create the new model, as well as to manage ongoing security changes."

ABOUT INTERGEN

InterGen is a privately held global power generation and development company with a presence in four countries on three continents. InterGen owns more than 7,300 megawatts of electric generating capacity in 12 advanced technology projects. Their operating facilities generate enough electric power to run millions of homes and businesses. They generate this power for communities in ways that are environmentally and socially responsible. **www.intergen.com**

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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.

The Results

- SMP has enabled InterGen to achieve their main objective of implementing a reliable, sustainable and auditable security model that they can trust.

- As well as improvements in quality, SMP's methodology has delivered significant efficiencies. Veer reports that:

  - Reducing the number of roles to 60 simplified their security model and made it much easier to manage.

  - Security management now requires only 4-8 hours effort per month, whereas previously it took the equivalent of one full time person

  - Now it only takes 15 minutes to set up a new user.

- The more structured approach to user provisioning results in fewer mistakes during security set-up and maintenance:

  - Pre-defined roles reduce the risk of error

  - Proactive SoD checks enables them to identify potential SoD violations before they are built into the live security file.

- It's now much easier to manage InterGen's SoD model and report on violations in the live security file.

"We introduced Security Manager Pro to help us create an auditable security model that we could rely on to support our complex organizational structure. We were delighted to find that it also enabled us to slash our security management workload."

Veer Ranganathan, Manager, InterGen