



TETRA Technologies: Simplifying Security for More Effective Control

“The comprehensive reporting enables us to easily test and prove our compliance to our auditors.”

Q Software Solution

Security Manager Pro

ABOUT TETRA

A geographically diversified oil and gas services company, TETRA Technologies, Inc. provides niche products and services focused on well completion and on late-life production enhancement and decommissioning. It is the world's largest, vertically integrated producer, marketer, and distributor of calcium chloride, which it supplies as feedstocks — along with its brominated products — for its completion fluids business as well as for applications in a variety of other markets.



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.

Challenges

- TETRA had already begun a world-wide roll out of JD Edwards EnterpriseOne when its IT management decided it needed a better way to manage its security, including clustering/nesting of roles, simple report extraction and cross interoperability with the TETRA security spreadsheet matrix.
- They wanted a simpler and more effective way to set up and administer security and accelerate security rollout to its new implementations. It also wanted to be able to retro-fit the new security model to those sites already rolled out.
- TETRA wanted to report security to management in layman’s terms to make it easier for financial management to understand what controls are in place and how they work.
- Sarbanes-Oxley compliance is important and the next step for TETRA is to prove that effective Segregation of Duties controls are in place and that these were adequately enforced.

Solutions and Benefits Achieved

- With Security Manager Pro, time to identify programs and objects needed to build the task views has been greatly reduced. The ability to reuse task level and job function components has significantly reduced the security implementation and maintenance effort, whilst the extensive reduction in rows of security information has simplified the understanding, administration and reporting of security. Retro-fitting security was a simple process.
- The embedded reports provide visibility from a wide range of views including user, group, tasks as well as conflict management reports. These reports also make security easier to understand for financial controllers who have to sign off on security for SOX compliance.
- The next step for TETRA is to use Security Manager Pro’s powerful inbuilt conflict flagging and management ability that will allow TETRA to either enforce the SoD model or allow a violation. Q Software will thus provide TETRA with a permanent reminder of violations and the need to implement mitigating controls. Security Manager Pro maintains a full audit trail of all such instances of SoD violations, providing assurity through double overage.

“Using Q Software reduced our security implementation effort by at least 50% and allows us to maintain our security much more effectively.”



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