



## The Details

A major strength of Coverity Prevent SQS is its ability to report very few false positives. This is due to providing strong evidence for every error it reports and allowing the user to add information about the semantics of the code for the analysis to use. For example:

- Functions can be associated with certain behavior classes, such as “terminates execution,” “allocates dynamic memory,” and so on
- Macro expansion can be selectively suspended and replaced with predefined function models
- The user interface of Coverity Prevent SQS allows Teradata users to track multiple analysis runs, problem status, and extensive usage and error reporting

## The Net Result

*“With inter-procedural analysis and 100% path code coverage, we are confident that Coverity Prevent SQS is finding the rare defects in our code that would be very difficult to discover with dynamic or manual testing,”*

—John Costa, Teradata Director of Tools & Quality Engineering.

## Conclusion

Coverity Prevent SQS is used daily by Teradata as the source code analysis solution that ensures Teradata’s 800 customers do not encounter software issues while accessing, manipulating, or reporting their data.

## About Teradata

Teradata is the global technology leader in enterprise data warehousing solutions and consulting services. Organizations around the world rely on the power of Teradata’s award-winning products to get a single, integrated view of their business to enhance decision-making, customer relationships, and profitability.

Teradata has led the data warehousing market for more than 25 years and is currently serving more than 800 customers and more than 1,200 implementations at many of the world’s top telecommunications, retail, transportation, healthcare, government, and financial companies.

For more information about Teradata, go to [www.teradata.com](http://www.teradata.com)

## About Coverity

Coverity ([www.coverity.com](http://www.coverity.com)), the leader in improving software quality and security, is headquartered in San Francisco, California. Coverity’s groundbreaking technology removes barriers to delivering complex software by automating the identification and resolution of critical defects and security vulnerabilities in C/C++ and Java source code. More than 250 leading companies have chosen Coverity Prevent SQS because it scales to tens of millions of lines of code, has the lowest false positive rate in the industry, and provides total path coverage. Companies like Ericsson, HP, Samsung, EMC, and Symantec work with Coverity to eliminate security and quality defects from their mission-critical systems.

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### Coverity, Inc. Headquarters

185 Berry Street, Suite 2400  
San Francisco, CA 94107 USA  
U.S. Sales: (800) 873-8193  
International Sales: +1 415 321 5237

### Coverity in Action:

[www.coverity.com](http://www.coverity.com)  
<http://scan.coverity.com>  
[sales@coverity.com](mailto:sales@coverity.com)