



INTRASTAGE
ORGANIZING TEST DATA FOR A CHAOTIC WORLD



FINISH FIRST.

Identify and fix your product
quality issues in minutes!

Product Quality Problems?

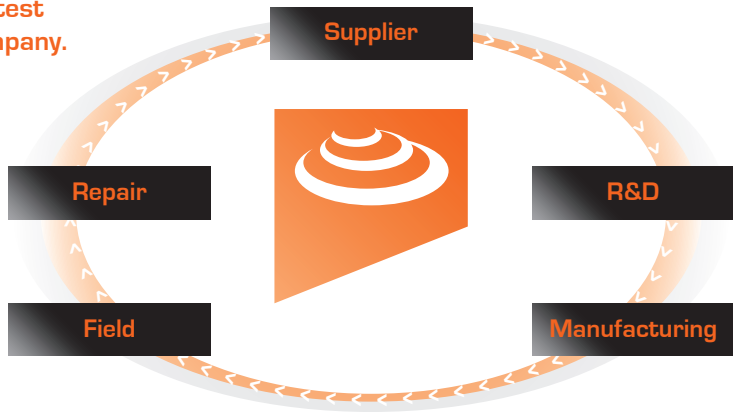
Today's companies generate enormous amounts of product test data from R&D, manufacturing, supplier, field or repair functional areas. With this test data comes the ability to identify product quality problems such as failures, yield problems etc. The problem is freeing up critical engineering resources to focus on solving the problems, rather than just collecting, storing and reporting on the test data. Now automate that process with Intrastage, which has the ability to pull data from any source, anywhere, anytime.

AUTOMATE 100% of the process of retrieving, storing and reporting on your product test data.

Using a web based interface, IntraStage provides ready to run reports that give you real-time and historical access to all of your test data. You can analyze your data using the built in QA routines such as characterization charts, yields, trends, Cp/Cpk, SPC and six-sigma to help you identify the main issues affecting product quality. What this means is reduced rework, faster debug cycle times and improved test programs which ultimately gets your product to market faster and with the quality you need.

GUARANTEED to increase the quality of your engineering decisions.

Product quality test data in your company.



Customers



Panasonic



communications



GOODRICH

NORTHROP GRUMMAN

Based on industry standards, IntraStage combines the power of the latest server technologies with a combination of robust and proven database, reporting and dashboard software. Once your test data is inside the IntraStage database, it is there for life which means a methodology to show continuous improvement and compliance to ISO, 6-sigma and other quality standards. By providing high level dashboards to both engineering and management, never before has there been this ability to track and act quickly on product quality at all levels.

Enabling quality COMPLIANCE and information TRANSPARENCY.

By having all of your data in a secure, centralized location, the power of IntraStage really comes into its own. You can create your own Meta Data fields meaning that any company specific data can be searched for and compared, this may be a job works number, product and sub assembly part number, test station ID etc. You can filter through any of the data giving you complete flexibility when looking for something specific in this data. What this means is increased ability to root cause complex quality problems before they get to your customer and failures occur.

Reduce WARRANTY repairs and RECALL events.

IntraStage is scalable to your organizations needs, whether you are using it in the lab for proof of design using a single development station or rolling it out throughout your global production facilities where you may have hundreds of test stations and ATE's in different worldwide locations. IntraStage has no limit to the number of users who can take advantage of managing and analyzing their data, from development engineers' right through to senior managers. The easy to use, license free web interface and administered data access means that everyone can play an important part in improving the quality of your products.

“An electronic part failing with one of our defence or aerospace customers can mean serious consequences. IntraStage plays a key role by allowing us to monitor and quickly find any production related quality issues. In one example, our test engineers noticed an issue with a certain process flow. In less than one week, we had identified the problem by being able to mine and visualize previous test results that IntraStage had gathered automatically. Without IntraStage this would have taken us months and lots of frustration”

Simon Luck - Test Manager, General Atomics

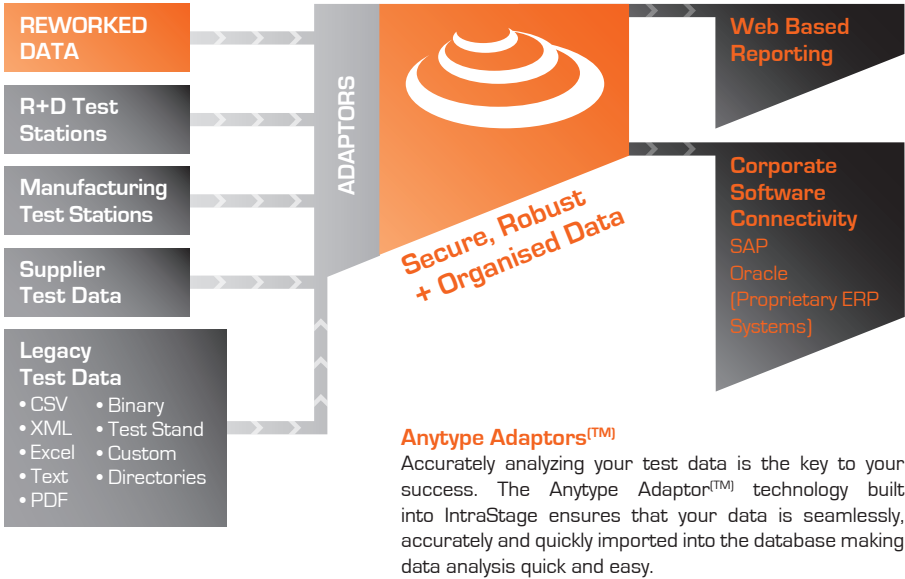


“Before IntraStage, there was no capability to automatically store the vast amounts of data that were generated and to transform that data into information useful in our decision making process. Now IntraStage serves as a key component in our decisions by allowing us to not only have real-time and historical data right at our fingertips but to mine it and look at in ways that contribute to a significant improvement in our overall product quality”

Phil Price - Test Manager, Goodrich Aerospace



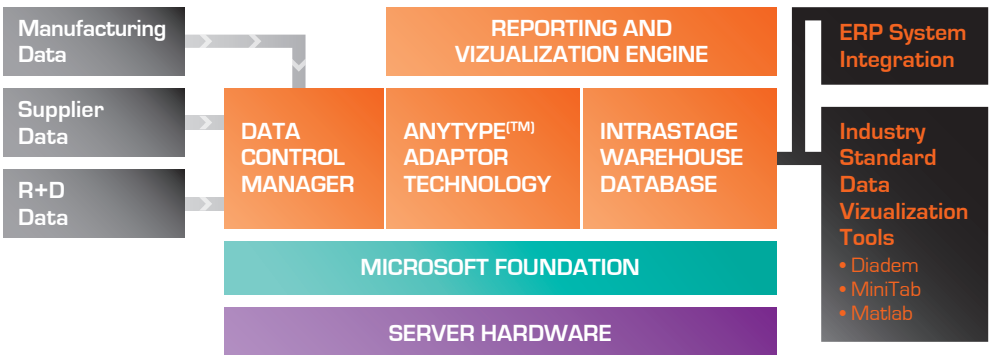
The Components of the IntraStage Solution



The Technology Behind IntraStage

Open Architecture

IntraStage is based on industry standard database and reporting tools such as SQL server, .NET and Sharepoint. It will run on any hardware server that supports these technologies making it easy to integrate into your existing IT infrastructure. The IntraStage application sits on top of this foundation layer, providing an easy to use tool that collects, stores and manages your test data while providing extensive web based reporting and connectivity to your existing in house ERP and data visualization tools.



Access Your Data Quickly and Easily



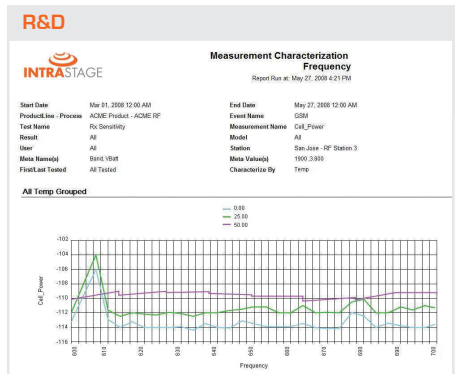
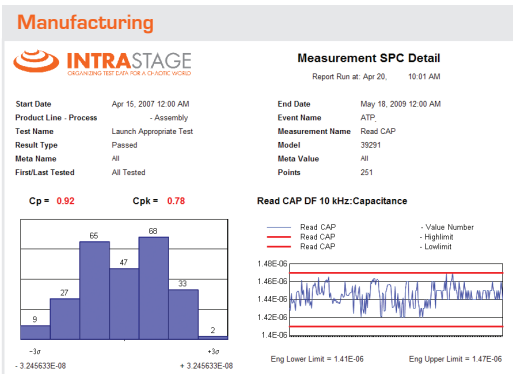
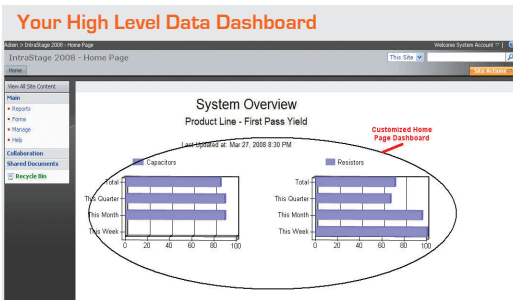
Built in Standard Reports

Data Filters

Generate Your Reports

Schedule Your Reports

Data Reporting



IntraStage Versions

	Desk Top	Green Belt	Black Belt
Quality Reports	Yield Trend Characterization	Yield Trend Characterization Six Sigma Reports (SPC)	Yield Trend Characterization Six Sigma Reports (SPC) Dashboard Builder Gage R & R Tools
Custom Report Builder and Excel Templates	Excel Templates Only	YES	YES
Security and Authorization	NO	Report Authorization	Report Authorization Project Data Segregation
Automation	Retrieval of test data in any format	Subscriptions Thin Client	Subscriptions Thin Client Notifications
ERP/MES Integration	NO	NO	YES - SAP, Oracle (Proprietary ERP Systems)
Post Processing Interfaces	NO	Diadem, MiniTab, JMP, Matlab	Diadem, MiniTab, JMP, Matlab
Hardware Server	NO	Optional	Optional
Reporting Performance	Limited by Desktop	Guaranteed with server	Guaranteed with server
Data is secure and accessible	NO	YES	YES
Web Based Interface	YES	YES	YES

IntraStage Services and Support

IntraStage and our resellers offer engineering and support services to our customers for rapid implementation, customization and deployment of your solution. These services include initial consultation, web demonstration using your own test data, architecture design, adaptor development, training courses, commissioning and post implementation support.

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