

## Key Features

- ▶ Open platform-Supports industry standards like ASAM-ODS, ODBC/OLE DB.
- ▶ Multi level data security
- ▶ Offline Test Recipe Preparation
- ▶ Test sequences can be created by experts on remote PC thus increasing the effective utilization of the test bed PC. Also same test sequences can be shared between different test beds, reducing duplication of work.
- ▶ Powerful Central repository
- ▶ For storing Project details, Test sequences, Test bed history, Test Result data, Meta data related to test documents, Standard report formats, Maintenance schedules
- ▶ Based on powerful RDBMS database engine.

## Data analysis tools

- ▶ A Browser based user friendly data analysis tools. Support for storing analysed data results back to data repository.

## Document management support

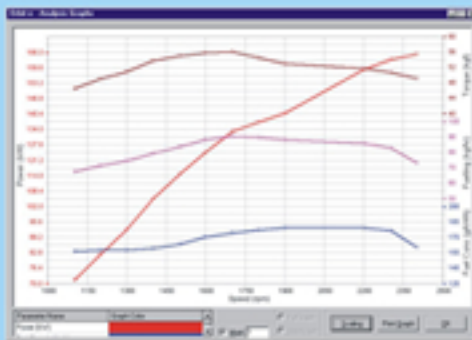
- ▶ Project related documents can be stored along with project data, Test requisition, test plan, test schedules and test results.

## Remote monitoring and control

- ▶ This feature is optional. It provides remotely station engineer to control and monitor test bed stations. It provides facility for online communication with test engineer.

## Advantages

- ▶ Avoids repetitive tasks thus increase in productivity.
- ▶ Increase in Development engineer's productivity as required history information can be retrieved very fast.
- ▶ Effective utilization of test beds as result evaluation and test preparation can be done on remote PC.
- ▶ Effective communication between development team, testing team and maintenance team.
- ▶ Hides the complexity of directly interacting with database.
- ▶ Complete workflow automation of Test lab.
- ▶ Test Manager can monitor various project status online and can also manage test facility more effectively.
- ▶ Vehicle / Engine designer can Re-use previous test data to optimize present test operations.
- ▶ Automatic data compilation reduces test engineers work load.
- ▶ Helps maintenance engineer to plan preventive maintenance based on test bed schedules.
- ▶ External Consultant can monitor test data over internet online.



TEST DATA ACCESS FROM NETWORK/INTERNET

## ASAM Open Data Services

If these states applies to you then ASAM-ODS is relevant to your needs

- You need to increase standardization in order to meet Reductions in time-to-market.
- You need a common data format for sharing data with suppliers or customers.
- The wealth of test data is underutilized because researchers cannot easily find all relevant information about the prior tests.
- You want to use an ISO standard that can be used by all your equipment vendors.
- The expertise for your test information systems was dispersed during your organization's latest re-organization or outsourcing
- Your test engineers manage their own test data in an ad-hoc fashion.
- Your test data is locked away in many proprietary formats.
- You are forced to use the analytical software provided by your test equipment vendor.
- You cannot easily compare test data between tests, between sites, or between systems.
- Your in-house standard for data storage has not kept up with diverse data types such as video, sound, PDF, etc.
- The 'standard' upon which your products are based is no longer supported by the software industry.
- Your testing system relies upon out-of-date information for descriptions of channels, units, and physical properties.

"My Engineers spent as much time looking for test data as they did looking at test data."  
: ASAM-ODS User

"...being able to pull a column of data from 2-10 different files and graph them on another excel file is always the longest part of the process."  
: Research Engineer

**iASYS Technologies Pvt. Ltd.**

Integrating Knowledge & Technology

