



INTELLIGENT TEST SOFTWARE

Modular, Configurable,

Reliable, User-friendly

...and more

DSE TEST ENGINE

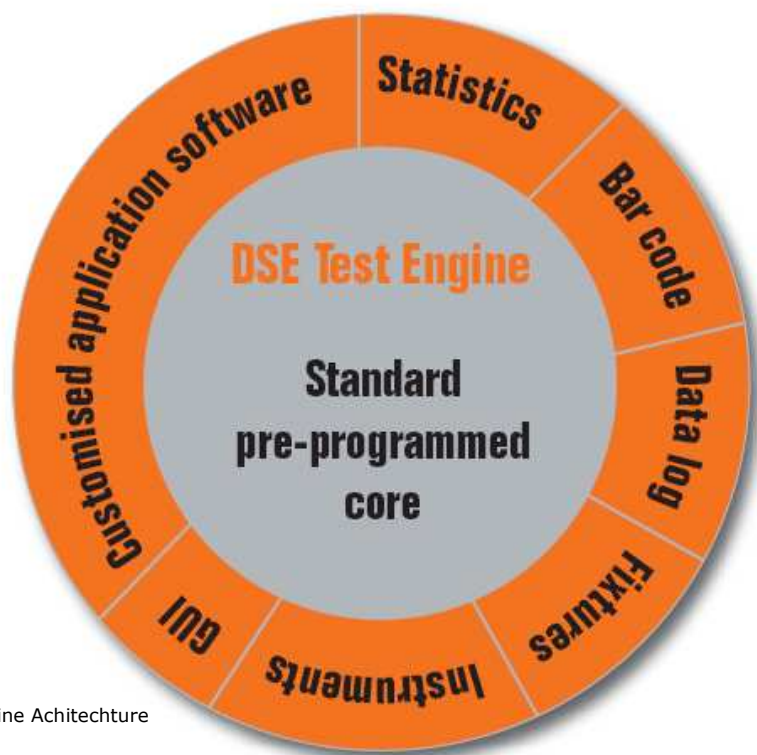
DSE Test Engine

The driving force behind our innovative test systems

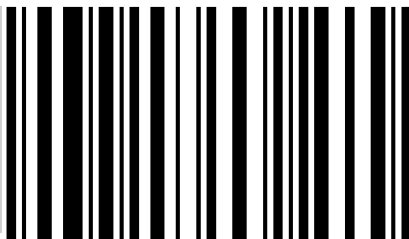
The DSE Test Engine is the motor - the brain - in our test systems. The intelligent software configures, processes and controls all test parameters and test steps. Furthermore, it provides the graphical user interface that makes setting of test variables and processing exceptionally easy and intuitive. The DSE Test Engine is based on National Instruments (NI) LabVIEW, and no programming skills are required to set up and operate the system.

Designed with the customer in mind

Configured and change as you go along! That is basically the design philosophy behind the DSE Test Engine. The modular, future-proof software matches your current needs, and enables you to build and expand with extra modules and plug-ins as your business changes with regards to set-up, product mix or scope. With the DSE Test Engine, you get exactly what you need for your business- no more, no less. This means that you are spared the nuisance and cost of investing in test software that holds either limited or extended features and functionality compared to your quality control processes and test requirements. Due to the DSE Test Engine's configuration possibilities and user friendliness, system adjustments are easily made without starting all over again.



DSE Test Engine Achitecture



DSE Test Setup

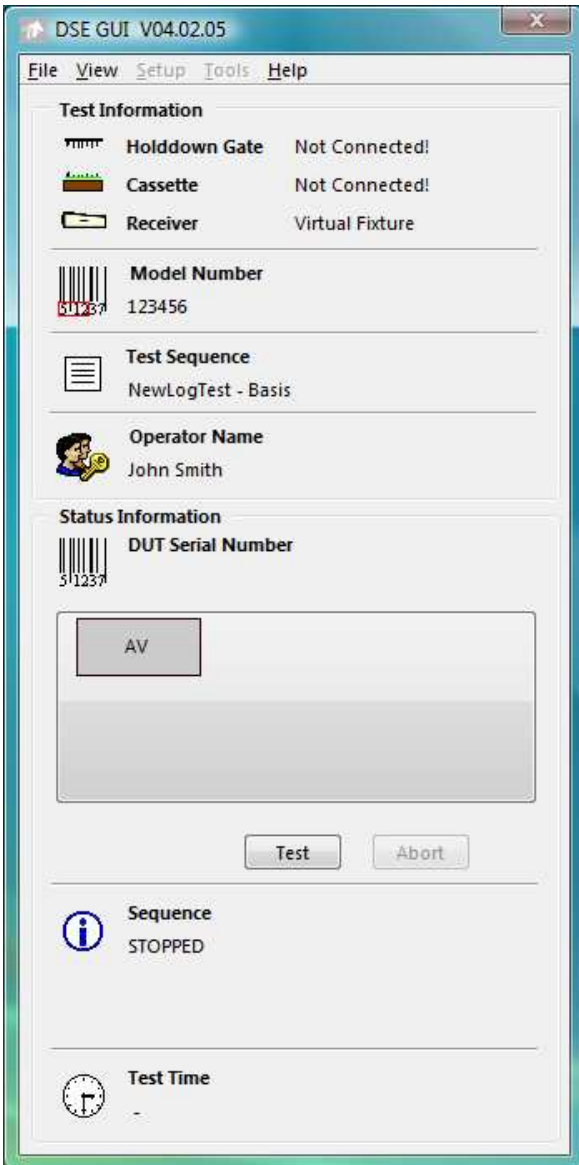


Flexible and reliable like no other

Combining reliability and modularity

Reliability is another crucial matter in quality testing. The software architecture forms the backbone for any successful test system, as it is the primary carrier of a software system's quality attributes such as performance and reliability.

The ingenuity of the DSE Test Engine is that it offers you a fully developed, tested and documented software package. To the software core we add standard modules, plug-ins and any customised functionality that you require. Another distinctive benefit is that the DSE Test Engine can accommodate all types of test instruments, auto and manual fixture, and other hardware such as barcode readers, printers and SMEMA interface.



Easy handling of product variants

The DSE Test Engine is especially suitable for handling of product variants. Variant test sequences simply inherit the parent configuration from the basis test step, and the variant-dependent variable is then easily configured by changing the appropriate values. All other test parameters remain the same. Even with many product variants you only have to maintain the basic value set for the product, as changes are transferred automatically to all variant test sequences. Test data are logged to a database for subsequent analysis with the DSE SPC statistical process control module.

This powerful feature greatly facilitates are optimises variant handling and test operations in general. What is more, you get a high degree of uniformity in your quality tests.

Turnkey & Stand-alone

The decisions is yours. We deliver complete plug-and-play test systems with all necessary hardware, software and test fixtures. But if you already have an efficient test system you can also buy our DSE Test Engine software as a stand-alone box product to increase your test efficiency, reliability and convenience.

Customer benefits





- > fully developed system
- > modular, flexible and future-proof
- > windows user interface
- > no programming skills required
- > additional plug-ins available
- > extensive library of resources
- > easy handling of product variants
- > database logging of measurements
- > powerful statistics
- > quick and easy software update

Innovation is the essence Dedication makes the difference

DSE in general

DSE A/S is a technology company founded in 1981 and situated in Horsens, Denmark. We provide innovative and customised solutions based on a mix of software, hardware and mechanics through our three divisions organised in Airport Solutions, Test Solutions and Global Product Solutions.

Our core competencies are:

-  Advanced test systems and solutions, functional test systems, JTAG/Boundary Scan, test fixtures, test software solutions
-  Air traffic control and management, communication, navigation and surveillance systems for airports
-  Moisture measurement equipment for measuring straw in biomass products
-  Quality control products for wire and cable industries