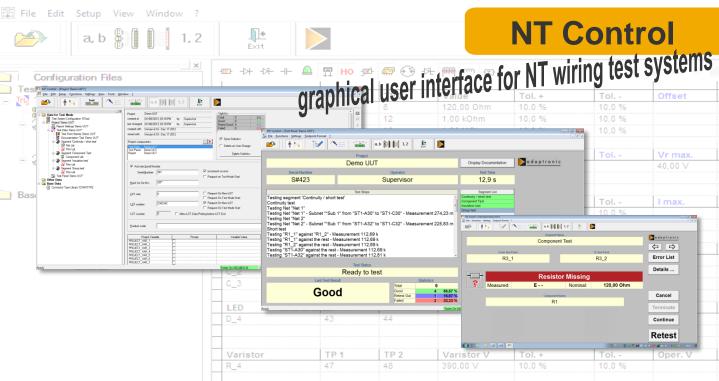


Control Software for Testing and Programming



The test systems of the NT xxx series are predestined for most application-specific test tasks in the wiring, back panel and function test area and are operated and programed with the graphic user interface NT Control.

The control software **NT Control** is already installed more than thousand times on PC systems under Windows[®] and is at present the most modern and most flexible user interface for wiring test systems.

Test of wirings and assemblies

- Comfortable testing and programming environment for extensive and different test applications
- Significant error list and singe error display at faults in the UUT
- Integrated multimeter and pin number functions
- Basic engine for free programming of special test procedures
- Integrated List & Label editor for the free design of report and label layouts
- Importers and interpreters for using existing test programs of third-party systems available
- Converter for the generation of test data from CAD data available

Specialized software variants

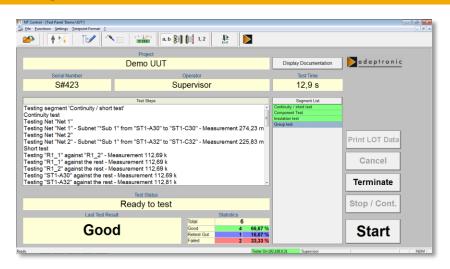
NT Control offers you simplification and rationalization at the generation and the management of test programs for adaptronic test systems, covering the following areas:

- CT cable test
- CX cable test with intelligent adapter cables or interface devices
- TT test table applications and
- DT direct test for backpanels





Testing



The operating within the test mode is managed via buttons which can be activated with mouse-click or with the touch function of a touch screen.

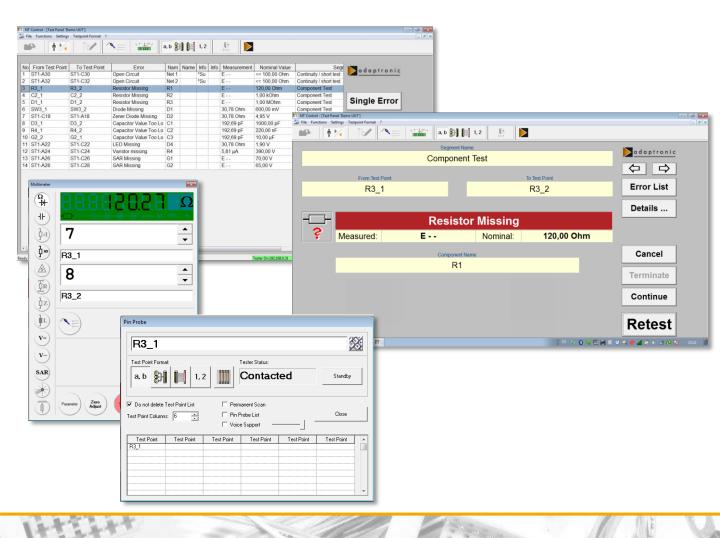
Additional functions like entries of serial numbers, lot size, operators name etc. will be carried out with the keyboard or optional with a scanner, supported by **NT Control**.

The outstanding possibilities for the visualization of test procedures guarantee a reliable and comfortable handling of the test system.

The user interface can be adjusted easily to special requirements according to presentation and test procedure control.

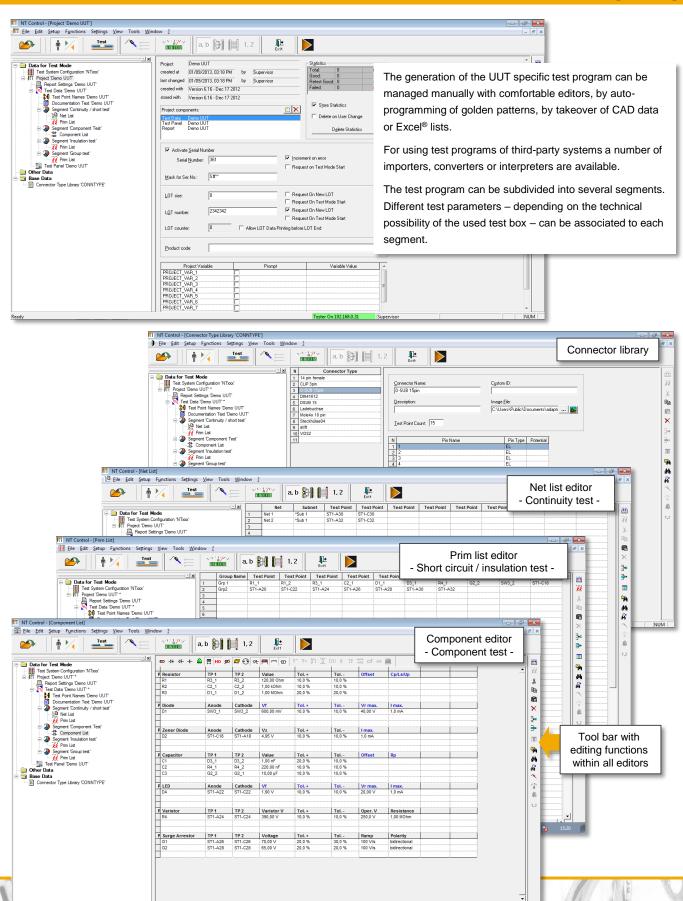
The test results will be evaluated statistically and visualized in the test panel. During the test detected UUT faults will be listed. Additional information to each error - type of error, affected test points, measured values etc. - can be easy read in the single error display. Beside this **NT Control** offers the multimeter function for specific single measurements.

With the pin number function test points can be easily identified at the UUT.





Programming





NT Control

Flexible testing

- Individual adjustment of the user interface for the test mode via graphical editor
- Diverse test panel samples, e.g. for different monitor resolutions, pre-installed
- Statistic function, inclusion of serial number and lot size
- Report and label printing, designed via editors, several samples pre-installed
- Test data output into file, e.g. for external evaluation
- Display of errors in a list or as single errors

Comfortable editing of:

- Continuity tests (nets or point to point connections)
- Short circuit and insulation tests (also as group test, depending on the hardware)
- Component tests (resistors, diodes, Zener-diodes, capacitors, LEDs, switches, high-ohmic devices, varistors, active / passive bus terminators, surge arrestors, suppressor diodes, inductors, impedances, magnet single-wire test etc.)
- Test point naming with 32 characters in different formats, direct or connector specific
- Documentation texts according to QM directives
- Connector, adapter or test module libraries depending on the variant
- Test system configurations

Comfortable management by:

- Subdivision of the test procedure into single test steps (segments)
 - different parameter setting for each segment
 - user defined test order
 - user messages
- 32-character test program names and test program groups
- Free switching between the different test point formats within the editor
- Test table support
- Mixing of program parts from several test programs
- Check function for plausibility of the data
- Information about number of the used test points, number of nets, number of test points each net and number of components
- Optional import filter for Cap-H, IVIS- and many other CAD data formats
- Interpreter for existing test programs of third-party systems

System requirements:

▶ PC with Microsoft Windows® 7 Pro up to Windows® 10 Pro (country variants German or English)

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