



NEXEYA DESIGNS, MANUFACTURES AND SUPPORTS EMBEDDED AND STAND-ALONE PRODUCTS FOR A VARIETY OF CAPITAL INTENSE AND MISSION CRITICAL ENVIRONMENTS.

AS A GLOBAL PROVIDER OF ENGINEERED SOLUTIONS, PRODUCTS AND SERVICES, OUR STRENGTH LIES IN OUR ABILITY TO COMBINE LEADING EDGE TECHNOLOGIES AND BEST PRACTICES FROM THE INDUSTRIES WE SERVE, AND APPLICATIONS WE ENCOUNTER, TO CREATE HIGHLY EFFECTIVE AND LASTING SOLUTIONS.

NEXEYA'S OFFERS SUPPORT IN FIVE KEY AREAS:

- TEST & INTEGRATION SOLUTIONS
- MISSION MANAGEMENT SYSTEMS
- POWER CONVERSION SOLUTIONS
- SPACE & SATELLITE SOLUTIONS
- CUSTOMER SERVICES

FOR MORE INFORMATION ON OUR OFFERINGS PLEASE VISIT WWW.NEXEYACANADAONLINE.COM.

400 ALDEN ROAD
MARKHAM ONTARIO
CANADA L3R 4C 1

TEL: 800-495-1998
EMAIL: NEXEYACANADA@NEXEYA.COM
WWW.NEXEYACANADAONLINE.COM



MPT MULTI-POINT ELECTRICAL INTERCONNECT TESTING





TODAY'S ADVANCED ELECTRICAL SYSTEMS REQUIRE INNOVATIVE TEST SOLUTIONS & FEATURES.

THE MPT WIRING ANALYZER AND SOFTWARE PLATFORM OFFERS A POWERFUL COMBINATION OF PROGRAMMABLE SOURCES, EXCEPTIONAL MEASUREMENT RANGE & ACCURACY.



THE MPT PRODUCT LINE OFFERS ENHANCED MODULAR SOFTWARE, IMPROVED TEST SPEEDS, VIRTUALLY UNLIMITED INTEGRATION AND EXPANSION OPTIONS AND A COMPLETE SUITE OF OPERATOR GUIDANCE TOOLS TO MAKE TESTING EVEN EASIER AND MORE AUTOMATED THAN EVER BEFORE.

KEY FEATURES OF THE MPT WIRING ANALYZERS INCLUDE:

- 'CONNECT ANYWHERE' ADAPTER CONNECTION TOOLS
- AUTOMATIC PRODUCT LEARN TOOLS
- MULTILINGUAL EASY TO USE OPERATOR INTERFACE
- SYSTEM INTEGRATION WITH EXECUTION MANAGEMENT SYSTEMS
- WIRELESS OPERATOR INTERFACE
- REMOTE MONITORING AND CONTROL
- INTELLIGENT DIAGNOSTIC TOOLS

MASS HI-POT ALGORITHM PROVIDES COMPLETE TEST COVERAGE IN A FRACTION OF THE TIME REQUIRED BY CONVENTIONAL LINEAR TEST METHODS.

BACKPLANE TESTING BRINGS SWITCHING TEST POINTS DIRECTLY TO HIGH DENSITY BACKPLANES, REPLACING MULTIPLE AND MESSY ADAPTER CABLE CONNECTIONS WITH ONE SIMPLE DAISY-CHAIN CABLE.

SOAK & MEASURE ALLOWS MULTIPLE CHIP CAPACITORS AND/OR FILTER CONNECTORS TO BE CHARGED SIMULTANEOUSLY IN ONE CYCLE PRIOR TO MEASUREMENT, GREATLY INCREASING TEST OUTPUT AND EFFICIENCY.

SCAN TESTING ENABLES ALL TEST POINTS TO BE SCANNED EVERY 10 μ S FOR DISCONTINUITY, IDEAL FOR ENVIRONMENTAL STRESS STATIONS DURING MULTI AXIAL VIBRATION AND THERMAL CYCLE TESTING.

DYNAMIC RESISTANCE TESTING PERFORMS APPROXIMATELY 4,000 ELECTRICAL MEASUREMENT PER SECOND, IDEAL FOR SLIP RING TESTS REQUIRING STATISTICAL DATA TO EVALUATE NOISE AND RMS.

ACTIVATION & ENERGIZATION ALLOWS ENERGIZATION OF RELAYS TO MEASURE CONTACT RESISTANCE OR SWITCHED VOLTAGES, IDEAL FOR FUNCTIONAL AND SAFETY TESTING.

TRANSIENT VOLTAGE SUPPRESSOR (TVS) OR TRANSORB™ TESTING VERIFIES LIGHTNING PROTECTION DEVICES USING MANDATORY TVS TESTING FOR A VARIETY OF EMBEDDED PRODUCTS.

TEST REENGAGE ENABLES TESTS TO BE PAUSED AFTER A FAILURE AND REENGAGED AFTER DEBUGGING, ELIMINATING THE NEED TO REPEAT ALREADY VERIFIED TEST SEQUENCES AND SAVING OVERALL TEST TIMES.

THE CHALLENGE:

SMALL DEDICATED SYSTEMS TEND TO BE UNDERPOWERED AND AIMED AT EXECUTING SIMPLE TASKS. LARGE SYSTEMS CAN BE OVERLY COMPLEX AND REQUIRE EXPERT USERS.

THE SOLUTION: THE MPT PLATFORM.

THE APPROACH:

A SOLUTION THAT OFFERS STANDARD, EASY TO USE 'POINT AND CLICK' INTERFACES FOR SPECIFIC FUNCTIONS AND APPLICATIONS WITH PROGRAMMABLE FEATURES THAT ENABLE EXPERTS TO PUSH LIMITS..

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