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Find the *Averna / Mindready / Wandel & Goltermann ATE BSM-100* at our website: *Click HERE*



mindready

Communications Test System (AMS 980)

Armed with extensive knowledge and a unique expertise developed over the years, Mindready's test engineers and technicians are committed to providing clients with outstanding service through a comprehensive line of development and production test systems for voice and data communications.

System



AMS 980 Functional Test System

The Mindready AMS 980 is an ultra fast, highly parallel, functional test system built upon a powerful ATE platform that addresses the requirements of design verification (DV), process verification (PV), production functional and system level test, repair and quality assurance. The AMS-980 includes test for POTS, Analog, Digital, ADSL and xDSL line cards, DSLAMS, Digital Loop Carriers, PABX Systems, Pair Gain Systems, analog and digital telephone sets and other wireline and wireless access products. Available test libraries are compliant to such international standards as ITU, Bellcore, ANSI, and IEEE.



Test Executive, Parallel, and Asynchronous Test

Mindready test executive environment supports the PC-based Microsoft Windows XP platform. The platform offers clients fast, accurate performance incorporating either asynchronous or parallel testing of multiple UUTs. The user-friendly interface is fully menu driven for system operation and test development. The Test Executive Manager (NI TestStand) allows adding new instrument drivers as test requirements change, as well as building user-defined test libraries. Users may also incorporate their choice of data collection or result handlers. Mindready Solutions offers a broad range of test libraries which contain in depth test coverage for voice frequency, audio, PCM, PABXs, signaling, BERT, xDSL, T1, E1, proprietary bus emulations, Channel Bank interfaces, TL1, DSLAMS, ATM,



VXI Instrumentation

Mindready VXI based access test modules, at the core of the AMS 980, are specifically designed for ultra fast and accurate communications testing. In addition, third party instruments various OEM vendors (such Agilent, NI) based on VXI or PXI architectures, allow for easy upgrades and reconfigurations as needs and test requirements change. Depending on the requirements of the system application, Mindready VXI modules such as Digitizers, Balanced Switching Matrices, Backplane Emulators and Arbitrary Waveform Generators may be included.



Custom Project Management & Engineering Design Services

Mindready's experienced Test Engineering team offers clients complete A-Z test solutions, including the design, development and integration of custom test systems engineered to address your communications test needs. From design specifications and the selection of test and measurement instruments to full test series, integration and support management processes. Close monitoring and joint reviews are integral parts of each project, right up to final delivery.



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Communications Test System (AMS 980)

Why Mindready?

- Test systems for a full range of communications products that include POTS, PCM, ISDN, T1/E1, xDSL, DLC, DSLAMS, GSM, DECT, CDMA, TDMA, SDH, SONET PDH, ATM, Cable Modems & Optical Interfaces
- Common core ATE System platform from design to production
- Scalable system architecture
- Proven asynchronous and parallel test concept
- In-depth knowledge and expertise in providing communications test solutions
- International presence with operational centers in North America and Europe
- Complementary test engineering solutions including Functional, X-Ray, In-Circuit, Environmental testing and Automation
- Customer service and after sales support

Technology Partners

Agilent Technologies

NATIONAL INSTRUMENTS

Commercial Applications

Mindready's series of Automated Test Systems is available for design verification, functional, and system level test of fully loaded DSLAMs with ADSL and POTs high density line cards, as well as a broad range of optical products including OC-3 through OC-192. Wireless communication technologies, interfaces, and handsets for GSM, CDMA, DECT and other standards can also be accommodated. These ATE provide parametric testing of a full range of xDSL and ADSL line cards, and modems according to ANSI T1.413, issue 2. Apart from providing a full functional test, some systems have been scaled to systems level environmental testing of over "800 plus" POTS, ADSL, and Data lines, with ATM, UTOPIA, TL1, and optical interfaces. The use of asynchronous and parallel test executives combined with top performance hardware yields unbeatable price performance. The development environment is National Instruments, MS-Windows/CVI and LabVIEW. Mindready's unique ability and experience in integrating test executives incorporating asynchronous and parallel testing has enabled Mindready to retain a position as a global leader in communications test systems.

Q & A

Q: Who are the key beneficial of the AMS 980 system?

A: Most Telco's and product manufactures can benefit from the AMS 980 test capabilities

Q: Is it a scalable platform that allows me to optimize it as my test needs change?

A: Yes, the platform is easily configured for 1 channel, 2 channels or 4 channels concurrency.

Q: Can the same platform be used as a basis for testing of different type applications?

A: The system can be complemented with other resources to address new test needs.

Q: What differentiates the AMS 980 from other ATE systems?

A: The AMS 980 is developed to satisfy stringent speed, accuracy and repeatability requirements.

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Operations Centers

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