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TECHNOLOGY GROUP

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The Wayback Machine - https://web.archive.org/web/20010712163450/http://www.zarak.com:80/mrg_modem.htm

Products
Interfaces
ACG: Anlg subscriber
MCG: E&M Analog
ECG: Anlg subscriber
XCG: Anlg exchange
PCG: CAS
PCG: ISDN PRA
PCG: SLC-96 (T1)
PCG: GR-303 (T1)
PCG: V5.1 and V5.2
BCG: ISDN BRA
SCG: ISDN BRA
SRG: Asynchronous Serial Resource
DRG: DSP Resource
MRG: Fax and Data
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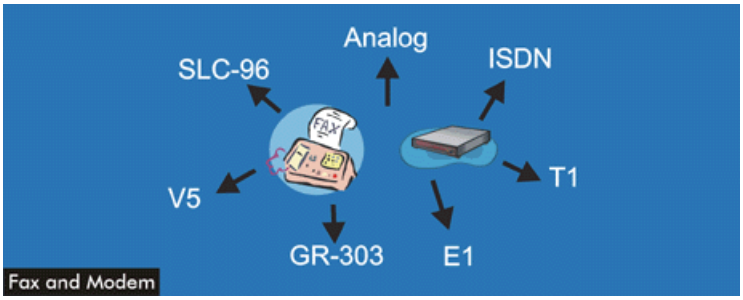
MRG: Modem Resource (fax and data)

Zarak has embedded modem capabilities into its Abacus test system. This new feature enables you to generate calls with fax and data modem through your system under test. The new MRG plug-in card provides resources of 10 modem circuits, with each modem circuit supporting transmission rates of up to 56 kb/s (V.90) for data and 14.4 kb/s for fax. A single Abacus system accommodates 10 to 300 modem circuits, depending on your desired stress level.

For fax, Abacus supports T.30 for procedures and message sequences, and T.4 for data compression. Available transmission rates are 14.4 kb/s, 9.6 kb/s, 7.2 kb/s, 4.8 kb/s, and 2.4 kb/s. Abacus can transmit two types of fax pages. Measurements include throughput, and connection speed. Abacus also reports the phase of negotiation at the time of a failed call.

For data modem, Abacus can send and receive a pattern of bytes having the numerical values of 0 to 255. Measurements include throughput, bit error rate, and signal-to-noise ratio.

You can configure multiple channels on Abacus to use the MRG for sending fax or data over different telecom interfaces – analog, T1, E1, ISDN, V5, GR-303. When used in combination with speech, tone, and ISDN traffic, Abacus becomes a powerful tool for testing performance of network access servers (NAS), modem pools, switching equipment, and transmission equipment.



DRG: DSP Resource (speech) <<previous

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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