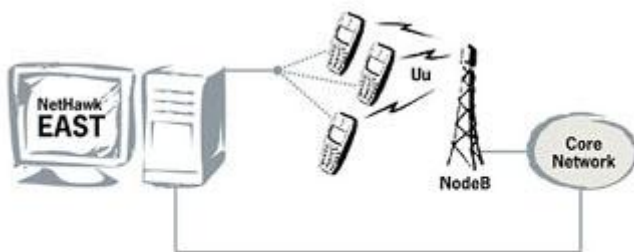## NetHawk EAST® CDMA Testing

NetHawk EAST® tests key CDMA and cdma2000 technologies. The best reason to consider EAST® for your CDMA network is that the platform is designed to meet the needs of 2G, 3G and 4G markets bringing power and flexibility to your testing program. Staying on the leading edge of advancements is a crucial path for manufacturers and service providers of CDMA equipment.

Test key CDMA / cdma2000 technologies

NetHawk EAST® is used to test CDMA IS-41 and the evolution of cdma2000 for 1xRTT, 3xRTT and 1EV-DO network technologies according to the 3GPP2. Key protocols include test packages for IOS (versions 4.3 and 5.0).

NetHawk EAST® can be used to isolate and test individual elements for functional test including the BSC, MSC, PCF, PDSN and Location Registers. Test cases can be created to simulate any network condition imaginable including error conditions. Standard regression tests are included for the A1, A2, A3, and A5 interfaces.

End-end testing with an automated wireless phone bank

NetHawk EAST® with Automated Phone Bank

Applications are available to validate CDMA features including interoperability with the MSC such as via STP/SSP nodes. NetHawk EAST® with the phone automation feature can be used to drive a wireless phone bank, thus enabling true end-to-end call testing through the RAN. EAST® can either initiate or terminate calls at the wireless phone interface.

Multi-user

-558 chassis of the EAST® can be set up for multi-users enabling concurrent execution of feature and regression tests.

Benchmark performance

NetHawk EAST® 3G is capable of delivering the type of load required to benchmark the performance of the data load components including to the BSC, MSC, HLR and VLR. Load

Next generation wireless network testing capabilities for cdma2000

- Flexible tool for evaluating end-end calling from a mobile phone bank to the core network
- Powerful tool for evaluating CDMA protocols such as IOS versions
- Media SIP application testing tool for PDN subsystem equipment on cdma2000 networks

NetHawk customers and sales partners have upgraded access to product information. Please log in or register to view additional material related to this product.

and conformance testing can also be executed through Inter-Working Units (IWU). Manufacturers and service providers can use NetHawk EAST® 3G to anticipate deployed performance of their cdma2000 networks and network components.

16 September 2005, Friday 15:02