



BT manage the Integration Testing of Core Platforms using netViz

Bill Morrison, of BTexact Technologies has been using netViz since October 1999 and currently uses Version 6. Bill manages the IP and Data Integration Operation at BTexact, Adastral Park (BT's centre of innovation). Among the employees at BTexact are many world leaders in their specialist fields, leading the development of standards and new technologies in areas including multimedia, IP and Data networks, mobile communications, network design and management, and business applications.

Integration is an orderly progression of testing in which software elements, hardware elements or both, are combined and tested until the entire system has been integrated. Regression testing is the testing of existing features after changes have been made. Integration is used to check interfaces between nodes and also to check that the network designs not only work, but also meet the needs of the customer. Bill uses netViz to design integration testing environments and these designs are made available to his clients.

netViz enables Bill to visualise the connectivity of the IP & Data network, model under test, this is made easier with the multi level view function which allows Bill to see the connectivity and explore the vertical relationships between nodes, with netViz' drill down capabilities Bill can drill right down into cabinet and port level. When an object or link is created in netViz, netViz allows you to create an unlimited number of data fields, Bill uses this feature to record the current version and build on each piece of kit. The search facility is used to track assets, find out where spares are and track kit that may be away for repair. Once Bill has documented the IP network he publishes his diagrams to the web through netViz WebView. WebView is particularly useful to Bill because it allows him to manage the distribution of diagrams. WebView works on a password control system, which means that security or change control is not compromised.



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- ◆ From the growth of the Internet to the promise of mobile applications, communications solutions. BTexact are reaching deep into the heart of the way businesses work, transforming expectations
- ◆ UK headquarters Adastral Park, Ipswich
- ◆ www.btexact.com

Network Details

- ◆ Platforms used – Oracle, NT and Unix
- ◆
- ◆
- ◆

Network Challenges

- ◆ Managing the
- ◆ Less reliance on highly technical network management programs
- ◆ Reduce risk associated with system failure

Solution: netViz

- ◆ Supplied by Kenson
- ◆ www.kenson.co.uk

Results

- ◆ Total point to point-to-point visualisation.
- ◆ Improved technical asset library