Quality

The Dynapatch products are manufactured using rigorous quality control procedures at every stage of the process. The use of extensive automated component insertion and test techniques ensure error-free operation.

Reliability

Dynapatch products are subject to rigorous design constraints which ensure that the product works for years with the highest level of reliability.

Warranty

All components and equipment are guaranteed against defects in material and workmanship for 13 months from original shipment, except for fuses, batteries, and bulbs, which are warranted only to be operation when shipped from the factory.

NSGDatacom

www.nsgdata.com

3859 Centerview Drive, Suite 500
Chantilly, VA, 20151-3232 USA
Phone: +(1) 703 793 2000
Fax: +(1) 703 793 2001

International Sales and Support
UK, Europe, Middle East, Africa, Asia
Phone: +(44) 1344 893 000
Fax: +(44) 1344 891 990

DYNETCOM

X.21 Tech-Control Products

Communication solutions from

NSGDatacom

extend. evolve. innovate.

Originally developed under the name Cook Engineering,, Dynetcom's Tech-Control products have provided data management and access solutions for more than four decades. From our earliest products designed especially for the US Defense Department to our more recent developments, our products are built for excellent quality and high reliability, and are widely used in Military Deployable systems and FAA applications in addition to commercial applications.

The Dynapatch, Dynaswitch, Test & Monitoring, and Enterprise Availability System (EAS) products offer cost effective patching, switching, monitoring, alarming, and testing of data network communications solutions for a wide variety of applications.

Dynapatch Mark I

- Gold plated patch contacts
- No exposed contacts or latching mechanisms
- Hard wire between patch jack and connector in a enclosed chassis.
- High density patch fields
- Integral cable management
- Dynapatch lifetime guarantee

Dynapatch Mark II

- Bifurcated Beryllium-Cu and gold plated patch contacts
- No exposed contacts or latching mechanisms
- Dynapatch lifetime guarantee
- Will pass signals up to 2Mhz
- Fully modular
- Fiber optic high intensity LED interface monitoring
- Audible and visual interface alarming
- Test and monitor access to circuits
- High density patch fields
- Integral cable management
- Standard and Enhanced Patch Jack Versions Available, along with Monitor Access and T- Analyzer Jacks
- Pre-Configured Paks (Assemblies) or individual parts can be ordered.

Dynapatch Mark II Standard Version

- Patching and test/monitor access
- Slots for up 18 Patch Jacks per Rack Adapter (slots 17 & 18 can be used for Test and Monitoring modules.)
- Patch jacks, Test, and Monitoring modules available in tan, black, red, green, and gray.
- Rack Adapters available in Brown, Black, Red, and Green.
- Monitoring module available in 90-120 VAC and 200-240 VAC

Dynapatch Mark II Enhanced Version

- Patching and test/monitor access
- Audible and visible alarming on interface events
- Variable alarm delay with auto reset
- Patch jacks, Test, and Monitoring modules available in   gray and tan.
- Slots for up 16 Patch jacks per rack adapter (slot 17 is available for Test and Monitoring modules, slot 18 ships with Monitor/Alarm module installed)
- 7 LED monitors per patch jack
- 85-240 VAC auto ranging brick power supply
- Enclosed chassis with back panel with jackscrews for mounting cables, allowing removal of patch jack without disturbing interface connection and are available in black and brown.

Dynapatch Mark II Monitor Access and T- Analyzer Jacks

- Slots for up to 18 monitor jacks per rack and up to 16 T-Analyzer jacks per panel.
- Jacks available in tan, black, and gray (monitor jack only).
- Rack Adapters available in brown and black and Adapter Panels available in tan and black .

Dynaswitch Mark II

- Bifurcated Beryllium-Cu and gold plated patch contacts
- Patch/Switch or Switch only Modules available.
- No exposed contacts or latching mechanisms
- Dynapatch lifetime guarantee
- Will pass signals up to 2Mhz
- Fully modular
- Fiber optic high intensity LED interface monitoring
- Audible and visual interface alarming
- Test and monitor access to circuits
- High density patch fields
- Integral cable management
- Local and Serial or IP Remote Control
- Standard, Standard W/LAS, Enhanced and Premier Versions Available
- Pre-Configured Paks (Assemblies) or individual parts can be ordered.
- Rack Adapters available in Brown or Black.
- Auto Ranging 90-240 VAC, Redundant Auto Ranging 90-240 VAC, or 48 VDC power supply available.
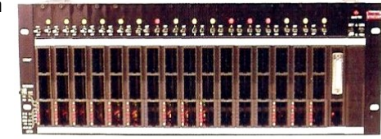
Dynaswitch Mark II Standard Version

- Basic electro-mechanical A/B switching.
- Patching and test/monitor access on Patch/Switch Module.
- Some Patch/Switch and Switch Modules have lead LED monitoring and variable carrier alarm with a reset and off switch.
- Slots for up 16 Patch or Patch/Switch Modules per Rack Adapter
- Slot 17 for Test Access, Remote Control, or Remote Control Slave Module.
- Slot 18 for Master Alarm Control Module which comes with Rack adapter.
- Patch, Patch/Switch, Test Access, Remote Control, Remote Control Slave and Master Alarm Control modules are available in tan, black, or gray color.

Dynaswitch Mark II Standard Version with Line Activity Scanner Function (LAS)

- Same characteristics as the Standard Version but also has Line Activity Scanner Function (LAS) this provides a remote controlled alarm and monitoring facility plus a communications interface to a PC running either the DCC software program or through the MARC-12 Software.

Dynaswitch Mark II Enhanced Version

- Same characteristics as the Standard Version, but each Patch/switch or Switch Module also has LED monitoring of T, R, C, I ,ST, AND state of alarm conditions A1 AND A2, with a reset and off switch.

Dynaswitch Mark II Premier Version

- Same characteristics as the Enhanced Version but also has Line Activity Scanner Function (LAS) this provides a remote controlled alarm and monitoring facility plus a communications interface to a pc running either the DCC

Test and Monitoring Equipment
LAMP-221

- Monitors interface leads T, R, C, I and S
- Self- powered from the interface leads, without distorting any data and interrupting the continuous through of the module being monitored.
- available in either Tan or Black.

Enterprise Availability System (EAS)

- Patch and A/B Switch versions available.
- Gold plated Beryllium-Cu and gold plated patch contacts
- No exposed contacts or latching mechanisms
- Dynapatch lifetime guarantee
- Fully modular
- Fiber optic high intensity LED interface monitoring
- Audible and visual interface alarming
- Test and monitor access to circuits
- High density patch fields
- Integral cable management
- Local and Serial Remote Control for electronic patching or A/B switching
- Pre-Configured Paks (Assemblies) or individual parts can be ordered.
- Rack Adapters available in Brown or Black for Patch version and Black only for A/B version.
- Auto Ranging 90-240 VAC on both Patch and A/B
- 48 VDC power supply available on Patch version only.
- Patch version Channel Card offers Two Busses; M Bus (Monitor) and T Bus (Test/Monitor)
- A/B version offers 3 different Channel Cards
  1. Zero Bus
  2. Single Bus M Bus (Monitor)
  3. Two Bus M Bus (Monitor) and T Bus (Test/Monitor)