



DATAPATH | Baseband Solutions

BASEBAND SOLUTIONS EXPAND NETWORK CAPABILITIES

Scalable, modular and expandable baseband enables voice, video and data communications

Every day, you rely on your communications networks to support your daily tasks as well as your vital operations. Your networks have to be dependable, secure and highly advanced, incorporating emerging technologies to provide situational awareness while making the most efficient use of budgets, bandwidth and existing technologies.

DataPath Baseband Solutions optimize your communications networks by integrating both new technologies and existing communications equipment such as routers, accelerators, encryptors, encoders and telephone and computer equipment.

Configured in scalable, modular and expandable packages, our baseband solutions enable you to establish and maintain communications wherever you are located. We develop specialized, end-to-end baseband solutions encompassing voice, video, data, storage and more, allowing you to meet all of your network needs through a single provider – DataPath.

Leveraging best practices developed and proven through years of experience on the battlefield, we collaborate with you to design a baseband solution that meets both your current and future requirements. With solutions for any purpose from large command and control centers to small squad-sized units, we offer a wide breadth of baseband solutions scaled and customized to meet your specific needs.



AT A GLANCE ...

DataPath Baseband Solutions

- Standard, off-the-shelf solutions for quick delivery
- A collaborative approach on customized solutions
- Value for your technology budget
- Integration of the latest technology
- Compact yet robust equipment configurations
- Scalability for future needs
- Responsive and rapid deployment
- Ongoing services and support



From larger multi-rack solutions (such as the integrated baseband in the trailer-based STT above) to very compact single case solutions (such as the case with the portable eSAT-RA₂ system on the left), DataPath Baseband Solutions are specifically designed to integrate and scale to support the full range of DataPath communications networks.

Secure, Reliable, End-to-End Communications

Working with one vendor for all your communications needs is the fastest route to a reliable, specialized communications network that gets vital information to your people when and where they need it. With DataPath as your single source for designing, building and maintaining your communications infrastructure, your command benefits from increased interoperability, efficiency and flexibility. We are an experienced provider known for establishing and maintaining communications quickly in remote locations and in harsh environments.

Maximizing Throughput and Quality of Service

Our Baseband Solutions are customized to meet your specific infrastructure needs, including:

- Data networks
- Voice, video and video teleconferencing
- Storage
- Logistics support anywhere in the world
- Network management
- Built-in information security
- EoIP



Rack mounted transit cases can serve as a stand-alone communications center with functionality that includes VoIP analog voice calls, internet / computer access, quality VTC and large file transfer.

Specialized Solutions for Changing Needs

DataPath Baseband Solutions are configured to meet your unique and changing requirements. We collaborate with you to build a custom solution to support all aspects of your operations – from a large operational network to a small system for expeditionary missions.

- Modular design for configuration with existing equipment
- Rugged design to withstand challenging environments
- Backwards compatibility for ease of integration
- Small footprint for greater transportability
- Scalability to support all aspects of your mission
- Advanced capabilities that best fit your needs
- Rapid deployment capability in any location

Baseband Optional Accessories

DataPath provides a broad array of optional accessories that allow you to further extend the capabilities and functionality of each solution. These optional accessories include but are not limited to:

- VoIP phone, analog phone, laptop computer kits
- Video teleconference (VTC) kits
- Copy / fax / printer kits
- Cisco router cards – security, wireless, other
- UPS – portable or transit case, 700VA and up
- Portable generator
- Spares and consumables kits
- Expanded capabilities for typical functions such as VoIP / analog voice calls, Internet / computer access



A large, rack-mounted baseband package such as this one housed in a DKET shelter, can deliver the performance needed to drive major hubs and command control facilities.