



# AVIAT NETWORK SERVICES FOR IP NETWORKS

Migrating from TDM technology to an all-IP infrastructure of the future requires a strong understanding of existing wireless infrastructure technologies and knowledge of IP/MPLS and security technologies.

Partnering with the right vendor who has the collective experience of managing these migrations over multiple installations will not only help you get to market faster but ensure a low risk project plus timely and efficient knowledge transfer.

## IP/MPLS NETWORKING AND MICROWAVE EXPERTISE— BETTER TOGETHER!

When migrating to IP-based technologies, Aviat Networks’ provides a unique and flexible approach to meet your organization’s requirements. Our service engineers are experts in both IP networking AND microwave, ready to help you plan, design, deploy, install and maintain all aspects of any complex project. The Service building blocks can be engaged at any phase depending on when and how you want our experts engaged on the project.

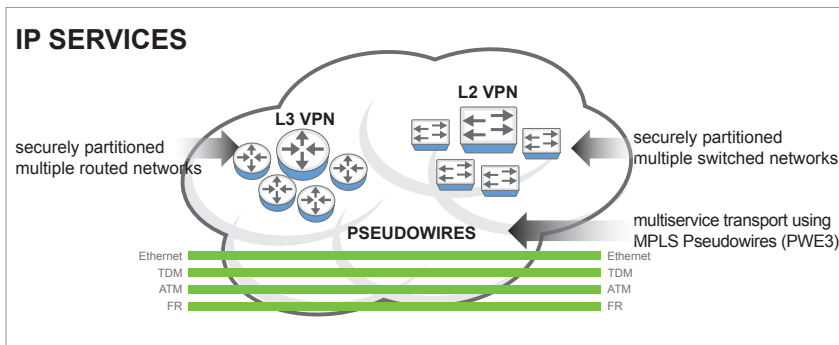
## TURNKEY SERVICES FOR IP MIGRATION AND OPERATION

Aviat’s product portfolio strength is supplemented by a qualified team of migration experts with thorough background in IP networking AND microwave technologies who specialize in the successful implementation of life-cycle services for a converged Microwave-IP/MPLS solution.

Our portfolio of life-cycle services start at the beginning of your project—from **PLANNING** your business and technical requirements, **DESIGNING** your network, rapid implementation **DEPLOYMENT** and ongoing maintenance and optimization **CARE**. We do all this while ensuring your investment in the existing infrastructure is safe and your new investments are deployed in the shortest time. Additionally, we take care to ensure the new infrastructure is secure and optimized to deliver on the business and technical goals of your organization.

## KEY BENEFITS

- Combined expertise of IP and microwave networking at your service.
- One team, resulting in lower costs across all phases of IP migration process
- Fast and rapid rollout of new solutions resulting in faster ROI
- Significantly lower downtimes due to expert involvement, best practices
- Improved network capabilities delivering on key business, technical requirements and SLAs with customers
- Significantly lower stress as the risk of managing timelines for you complex project is handled by Aviat experts
- More time to focus your staff on delivering core business functions
- Compliance with business requirements on security and resiliency of network operations



## AviatPlan

DESIGN AUDITS

PERFORMANCE ASSESSMENTS

BUSINESS ASSESSMENTS

### AVIATPLAN SERVICES

The first step towards implementing any network change is to have a sound understanding of your current network baseline and mapping that information to the future business and technical goals for your organization.

Aviat Networks provides a broad array of planning and assessment services that provide a thorough audit of existing check points and sets the stage for dialogue on improvements that need to be part of the upcoming design. Our assessment services follow a well-established and documented process that includes:

- Data collection: From key architects and owners of your technical and business requirements.
- Analysis: Run it through our list of best practices and check points.
- Recommendations and Readout: A detailed assessment report is supplemented with recommendations to fine tune customer requirements or input to the upcoming high level design.



## AviatDesign

HIGH LEVEL DESIGN AND REVIEW

DETAILED DESIGN AND REVIEW

### AVIATDESIGN SERVICES

Network Design and Engineering Services provided as part of the AviatDesign portfolio provide customers with expertise from Aviat engineering teams to get the best guidance on IP networking AND microwave issues for your network.

**High Level Design** Based on a thorough assessment of network and business requirements, our team of experts will build a physical and logical topology that will deliver on those requirements.

**Detailed Design** Helps the customer get clear guidance on the detailed design, based on detailed network topology, IP addressing, protocol and VLAN design and network device configurations. If customers engage their own experts for design, Aviat Services can perform Design Reviews.

### AVIATDEPLOY SERVICES INCLUDING PROGRAM/PROJECT MANAGEMENT

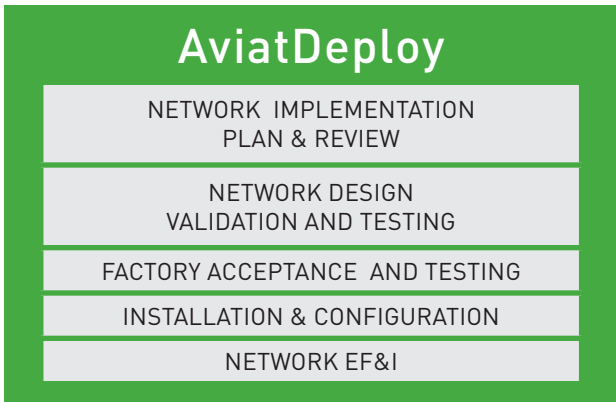
The AviatDeploy portfolio includes both the factory-based services and on-site or field-site services that are needed for successful end-to-end planning and turnkey deployment of your solution.

**Network Implementation Plan** Outlines process steps, tasks, milestones and roles and responsibilities for the teams and individuals involved. Plan will detail the most efficient manner to implement your network changes with minimum disruption to your existing services.

**Network Design Validation & Testing** Customers have the option of having Aviat Networks Engineering team test the solution for any interoperability issues prior to shipment to field sites. Customers can immensely benefit from this service that will enable a "plug-and-play" installation at field sites.

#### Factory Acceptance & Testing (including SIPQ)

Customers can visit Aviat factory sites where the system integration has been conducted to have test plans performed in their presence. This option will provide customers the satisfaction and assurance of the compliant sub-system level functionality, and enables a faster implementation at field sites with minimum risks.



**Turnkey Network Deployment – EF&I**

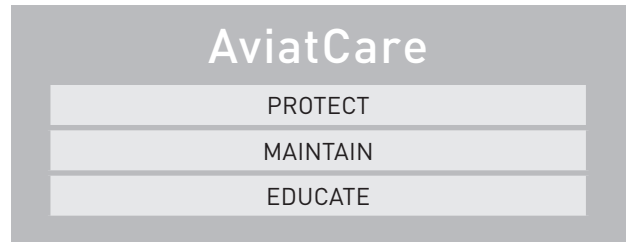
Turnkey installation includes microwave and IP networking equipment installation, antenna installation alignment, cabling and waveguide installation. Experts check shelter alarm and monitoring connections, as well as networking devices for traffic routing, router and switch configuration, EMS / NMS addressing.

Installation and Configuration Services provides the essential preparation of equipment at site (unpack, inspect, inventory) along with expert installation services covering labeling, connection, initial configuration and power-up and system tests on microwave, IP routers and switches, power systems and cabling/transmission products in your complete solution. Testing as per acceptance standards and best practices is conducted making sure the solution is compliant, secure and safe to operate.

AviatDeploy also includes off-site Installation and Commissioning Services that can be sequential or independent of the Assembly, Integration and Testing Services.

**PROGRAM AND PROJECT MANAGEMENT**

Aviat Program and Project Management Services’ focus is to deliver deliberate expertise to successfully complete complex and intricate deployments. Experienced program managers, project engineers, field engineers and supervisors are assigned to projects based on their expertise in deployment, regulatory, compliance and engineering issues. All are empowered to marshal and manage all aspects of planning, design and project engineering.



**AVIATCARE SERVICES**

Within AviatCare, the three fundamental service offerings are the AviatCare Protect, AviatCare Maintain and AviatCare Educate service portfolios. These address the broad base of customer requirements with different cost drivers and operational priorities.

**AviatCare Protect** To support your network with basic maintenance services, the key areas of repair, software maintenance and tech support are tiered for increasing interaction with Aviat Service teams:

**Extended Warranty:** Continued protection of the original product warranty, with prioritized access to our Technical Support teams

**WarrantyPlus:** This premium portfolio of services include 24x7 Tech Support, SW Maintenance and Advanced replacement and logistic services.

**Software Support Program:** Extended (after original Warranty period) and enhanced maintenance support service to get access to technical support, software updates or upgrades for their software integrated with Aviat products.

**AviatCare Maintain** Proactive and preventative-based suite of services focused on assisting customers maintain their network at it speak performance levels with

Software Installation, Proper versioning and updates

Performance Management, Optimization and Consulting

Managed Network Services including Remote Monitoring, Preventative and Corrective Maintenance and Spares Parts Management

**AviatCare Educate** Training and Certification programs available worldwide to meet the needs of our customers and partners. These cover a range of technologies and products, including transmission engineering, microwave path design, microwave networking to IP routing and MPLS. Aviat also engages in webinars and seminars to provide customers with the latest information on products and technologies relevant to their network.

**WHY AVIAT NETWORKS FOR IP SERVICES?**

Aviat Networks has a proven track record of quality products and managing a quality customer experience with our services. We have invested heavily in our people, process and infrastructure to create a customer-focused organization that strives to meet the most stringent SLAs for our customers.

Aviat Networks has built a portfolio of IP Plan-Design-Deploy Services tailored to meet your network growth and migration requirements. Engaging Aviat Networks for evolving their network to IP has proven beneficial to many of our customers, across a wide spectrum of verticals. These verticals include; public utilities, public services, mobile operators, service providers and Enterprise businesses.

Aviat Networks offers industry-leading maintenance and support services which are focused on optimizing the investments you have made in your network infrastructure. From basic Extended Warranty to the full outsourcing of your network support infrastructure, Aviat Networks offers you a proven history in delivering a quality solution at a cost effective price. Within AviatCare, the fundamental service offerings are IP Plan-Design-Deploy Services and the AviatCare Protect and Maintain Service portfolio.



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