

Broadband Services

Technology is Variable
TSS is Constant

Conditional Access

- CASMR
- DAC6000
- VOD
- Onsite and Remote

High Speed Data

- Cable Modems
- CMTS
- DSG
- Home Security
- Network Configuration
- VoIP

Internet Protocol Television (IPTV)

- HFC Integration
- DOCSIS Integration
- Green Field Installation

Network Systems Integration

- Site Surveys and Due Diligence
- Network Design (IP, Fiber, HFC, FTTX)
- Node Combining Optimization
- Infrastructure Buildout

Video Distribution

- Edge Distribution
- Multicast Streaming
- Source Processing
- Encoding/Transcoding
- Switched Digital Video

Laboratory Facilities

- Customer Premise Lab
- TSS Labs
- Proof of Process

Project Management

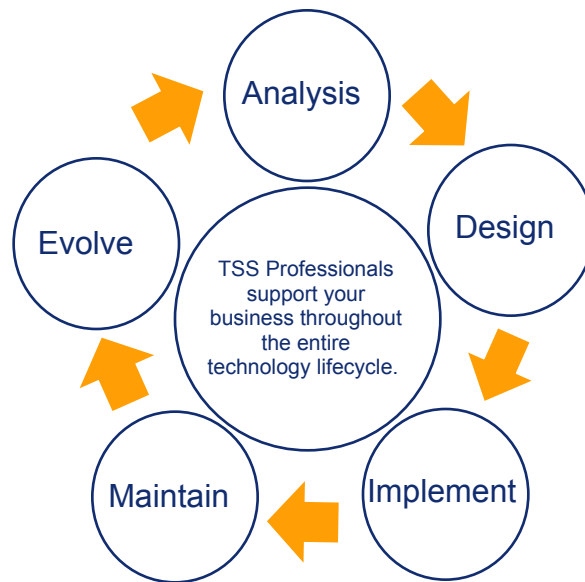
- On Time
- On Scope
- Within Budget

Staff Augmentation

- Expertise on Demand

Training

- Customizable to your needs



About TSS:

Formed in 1991, TSS provides high quality, responsive, and cost effective technical services for Broadband, SATCOM, Wireless, and Radar, both domestically and internationally.

TSS experience and expertise will assist customers grow their telecommunications offerings by integrating technology solutions based on best practices, industry standards, and industry experience. TSS Services will reduce the learning curve and growing pains associated with the life cycle of new technologies allowing telecommunications companies to focus on their end customers and return on investment.

TSS is not product specific and will focus on the best technology that aligns with your business goals based on twenty plus years of servicing the telecommunications industry.

TSS Mission:

Telecommunication Support Services, Inc. (TSS) provides world class technical services for all segments of the Telecommunication and Broadband industries. We pride ourselves in delivering services with our core values in mind: Quality, Versatility, and Dependability.

Conditional Access

Analysis

- Process Documentation
- System Assessment
- System Documentation
- Customized Reporting

Design

- Consolidation or Expansion Planning
- Disaster Management
- System Migration Logistics Planning
- Physical to Virtual Node Design

Implement

- CASMR & DTA Integration
- DAC6000 Integration
- DAC Migration
- NASRAC to DAC Integration
- NC1500/2000 Integration
- Off Line Loader Integration
- SDM Integration
- STDC Integration

Maintain

- Code Download
- Category Epoch Transition (CET)
- Database Analysis
- Downstream Plant Split
- KLS Expansion
- RADD Split
- Server Housekeeping
- System Consolidation
- System Upgrades
- Upstream Plant Split
- VOD Expansion

Evolve

- IPTV Readiness
- Mentoring
- Strategic Planning
- Training
- video On Demand

High Speed Data

Analysis

- Cable Modem Billing
- Cable Modem Configuration
- Cable Modem Provisioning
- Cable Modem Security
- Headend Evaluation
- Load Balancing
- Process and System Documentation
- Service Group Assessment

Design

- Back Office
- Consolidation or Expansion Planning
- System Migration Logistics Planning
- Physical to Virtual Node Design

Implement

- CMTS Integration
- CMTS Upgrades
- Project Management

Maintain

- CMTS Service Group Expansion

Evolve

- Gigasphere, DOCSIS 3.1 Integration
- IPv6 Integration

IPTV

Analysis

- Headend Evaluation
- Distribution Plant Support Analysis
- Video Source Analysis

Design

- End to End Solutions
- Expansion Solutions
- Video Transcoding Solutions

Implement

- Greenfield Installation
- HFC Integration
- DOCSIS Integration

Maintain

- IPTV Customer Expansion
- Bandwidth Optimization

Evolve

- Content Encryption
- nDVR
- Pause Live TV
- Restart
- VOD

Video Distribution

Analysis

- Bandwidth Utilization Analysis
- Disaster Management

Design

- Consolidation or Expansion Planning
- System Migration Logistics Planning
- Narrowcast Node Design
- Video Outage Mitigation Planning

Implement

- Multiplexer Integration
- Edge QAM Integration
- Multicast Source Conversion
- Ad Insertion
- Rate Shaping
- Encoding/Transcoding
- Switched Digital Video (SDV)

Maintain

- Bandwidth Optimization
- Video Simulcast

Evolve

- 4k Video Integration
- Dynamic Ad Insertion
- HTTP Live Streaming
- MPEG-4 Transcoding
- MPEG-DASH Integration
- OTT Content Delivery Network Integration

Network Systems Integration

Analysis

- Audits and Documentation
- Return Path Bandwidth

Design

- EDP/INCP
- Network Mapping and Design
- Rack Design
- RF, Fiber & HFC Network Design
- Field Mapping
- Network Asset/GIS Mapping & Documentation

Implement

- Infrastructure Buildout
- Fiber Optic and HFC Construction
- Fiber Optic Splicing and Testing

Maintain

- Cable Maintenance Plan
- HFC technical services
- Consulting and Support

Evolve

- Cellular Tower Backhaul

Staff Augmentation

TSS is available to supplement your staff expertise during holidays, staff time off, training engagements, transitional periods, and times that you need an extra set of qualified hands to accomplish business goals. TSS professionals will fill any gaps in your organization.

Project Management

The key to a successful implementation of a solution is effective organization and management of the various components of a project. TSS Project Managers are available to identify your specific goal, plan, coordinate, and work with you to ensure that goal is delivered on time, on scope, and within your budget.

Laboratory Facilities

Ensure a smooth process for your customers by catching issues unique to your system in a safe environment without risk to your customer base. TSS will help you avoid maintenance window issues using our fully equipped lab. TSS is available to test cable, IPTV, and DOCSIS projects prior to implementation. By importing your custom database into our system and performing a dry run of the project TSS will work with you to identify and mitigate system specific risks to your success.

Training

TSS is a leading training services provider specializing in the design, development, delivery and management (learner and learning content) of custom technology training programs. Our programs are designed to meet your specific business objectives, whether the training is for a new or existing product (hardware/software, component, systems, integration, and upgrades) technical personnel development, client skills, sales staff skills, or any other technical skill your organization intends to improve.

Quality

- We "Do it Right" the first time
- We stand by what we do, we guarantee our success
- We Consider, Understand, Mitigate and Manage Risk

Versatility

- We work to achieve the customer's end goal
- We consistently adapt and succeed in uncommon and changing environments
- We implement agile project management strategies to accommodate the customer's schedule
- We provide open channels of communication to ensure information readily available when the customer need it

Dependability

- We put forth the best effort regardless of project scope and magnitude
- We possess extensive knowledge and experience that will deliver the results which are beyond expectations
- We are committed to the customer's best interests

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