



BRUNS-PAK

DATA CENTER "HYBRID" SOLUTIONS

Assessment, Design, & Installation Services for Your
Upcoming LV, Network, Wireless, AV, and Security Projects



BRUNS-PAK's In Brief – Low Voltage Services - Overview

System Design Services - Overview

Communication Cabling Infrastructure

- Voice – Data – Video – Security Cabling systems
- Architectural packages and specifications

Network Design

- Technologies recommendations
- Topology and logical network design
- Architectural Planning
- Network architectural packages

Wireless Design

- Capacity planning
- Business analytics
- Service optimization and prioritization
- Exterior Wireless Mesh Systems
- Security and compliance
- High availability, mission critical design
- Interior WiFi Design and Predictive Analysis
- Exterior point-to-point Systems

Audio Visual Systems

- Mass Notification Systems
- Specialty AV Systems
- Classroom AV Systems
- Theatric & Key-Note AV Systems

Physical Security Systems

- Intrusion Detection Systems
- Video Surveillance Systems
- Access Control Systems
- Visitor Management Systems



www.bruns-pak.com

Assessment Services - Overview

Network Design

- Infrastructure analysis
- VLAN planning
- Security & compliance
- Traffic & capacity demand planning
- Routing & switching plan
- Service optimization and prioritization

Cyber Security Services

- Information security policy and procedure assessment and update
- Business continuity and disaster recovery assessment and program development
- Incident response plan development
- Security operations assessment and optimization
- Risk assessments
- Regulatory and compliance assessments
- Security maturity assessment
- Data visibility and governance

Physical Security

- Comprehensive Analysis of asset protection as related to physical security systems.
- Assess existing technologies for practicalities of upgrading and implementing new technologies.

BRUNS-PAK's In Brief – Low Voltage Services - Overview

Installation Services - Overview

- Installation and support of Mission-Critical IT Systems – Copper and Fiber
- Vertical/Horizontal Campus Cabling – Copper and Fiber
- Outdoor Cable Plant Cabling – Copper and Fiber
- Data Center Network Cabling Services
- Network Integration
- Wireless Access Point Surveys, Active & Predictive Modeling, Installation
- Network security cabling and camera placement
- Audio Visual Installation Services
- Security System Installation
- Sound Masking / Mass Notification Systems
- Multi-Site Deployment and Roll-Out Services
- Large Staff of Registered Communications Distribution Designers (RCDDs)
- Data Center Specialists



System Design Services - Overview

- **Communication Cabling Infrastructure**

- ❖ Voice – Data – Video – Security Cabling systems
- ❖ Architectural packages and specifications

- **Network Design**

- ❖ Technologies recommendations
- ❖ Topology and logical network design

- **Wireless Design**

- ❖ Capacity planning
- ❖ Business analytics
- ❖ Service optimization and prioritization
- ❖ Exterior Wireless Mesh Systems

- **Audio Visual Systems**

- ❖ Mass Notification Systems
- ❖ Specialty AV Systems

- **Physical Security Systems**

- ❖ Intrusion Detection Systems
- ❖ Video Surveillance Systems



- ❖ Architecture planning
- ❖ Network architecture packages
- ❖ Security and compliance
- ❖ High availability, mission critical design
- ❖ Interior WiFi Design and Predictive Analysis
- ❖ Exterior point-to-point Systems
- ❖ Classroom AV Systems
- ❖ Theatric & Key-Note AV Systems
- ❖ Access Control Systems
- ❖ Visitor Management Systems

Assessment Services - Overview

- **Network Design**

- ❖ Infrastructure analysis
- ❖ VLAN planning
- ❖ Security & compliance
- ❖ Traffic & capacity demand planning
- ❖ Routing & switching plan
- ❖ Service optimization and prioritization

- **Cyber Security Services**

- ❖ Information security policy and procedure assessment and update
- ❖ Business continuity and disaster recovery assessment and program development
- ❖ Incident response plan development
- ❖ Security operations assessment and optimization
- ❖ Risk assessments
- ❖ Regulatory and compliance assessments
- ❖ Security maturity assessment
- ❖ Data visibility and governance



- **Physical Security**

- ❖ Comprehensive Analysis of asset protection as related to physical security systems.
- ❖ Assess existing technologies for practicalities of upgrading and implementing new technologies.

Installation Services - Overview

- Installation and support of Mission-Critical IT Systems – Copper and Fiber
- Vertical/Horizontal Campus Cabling – Copper and Fiber
- Outdoor Cable Plant Cabling – Copper and Fiber
- Data Center Network Cabling Services
- Network Integration
- Wireless Access Point Surveys, Active & Predictive Modeling, Installation
- Network security cabling and camera placement
- Audio Visual Installation Services
- Security System Installation
- Sound Masking / Mass Notification Systems
- Multi-Site Deployment and Roll-Out Services
- Large Staff of Registered Communications Distribution Designers (RCDDs)
- Data Center Specialists



Previous Project Pictures

