S.P. Networks – Industry Solutions

Connecting people who live in rural, small villages is a major challenge. Most rural populations live out-of-reach of the existing communications infrastructure and the rural environment poses numerous economical and operational difficulties such as poor awareness, lack of knowledge limited power supply and dearth of skilled labor. To capitalize on the potential, customers need a smart communications solution designed for the rigors of rural environments.

With over more than 15 years of market and technology knowledge S.P. Networks has developed in provisioning and managing large networks for rural customers across the various industry verticals, with the expertise to act as technology advisor for our customers. We analyze your current IT infrastructure and enable you to draw lines between operational and intentional costs. S.P. Networks helps in defining the detailed architecture based on your chosen strategy and your business direction.

S.P. Networks provides connectivity using multiple wireless technologies for access in the rural areas. Unlike other solutions, that deliver limited bandwidth and are designed primarily for voice, our solutions are IP based using wireless technology and deliver the highest quality of voice, data and video. With joining hand with service provider and wireless rollout infrastructure and the combination of the highest levels of networking skills, for providing solution for   rural and beyond-the-metro connectivity.

Benefits of S.P. Networks solutions for Rural Connectivity

- Cost effective to make business sense.
- Gaining High Returns on Investment.
- Easy to install and simple to maintain.
- Robust - capable of withstanding extreme temperatures and the harsh rural environment.
- Highly scalable and flexible.

E-Governance Infrastructure Services

More than Seventy percent of India's population lives in rural areas, which are underdeveloped in terms of infrastructure. Over the last decade has Government of India has taken multiple e-governance initiatives to remove the long-existing digital divide. The National e-Governance Plan (NeGP) of the Government of India, very clearly lays out the guidelines for roll out of such networks. S.P. Networks provides complete operation and management services for projects under the plan in accordance with the guidelines laid down by the Government. The Governments e-governance initiatives allows the State to provide various Government to Citizen services and provides a unified communication network to all Government offices across the country.

S.P. Networks is rightly poised and has extended its expertise to handle and roll out projects across the government sector.

State Wide Area Networks (SWANs): S.P. Networks has the financial and operational resources to provide the entire State Wide Area Network infrastructure based on industry standard technologies. The company has skill sets to design, deploy, operate, manage and maintain the entire network, connecting all State Head Quarters, District Head Quarters, Block/Tehsil Head Quarters and also all respective horizontal offices. S.P. Networks can further extend the network to every Panchayat,

Citizen Service Centers or kiosks that may be set up across the State.

S.P. Networks not only provides and operates the network equipment, but also provides MPLS VPN, Lease and Internet bandwidth to extend connectivity to every State Government office in the cities, towns and villages. This connectivity is provided through various service providers.

State Data Centers: State Data Centre (SDC) has been identified as one of the important element of the core infrastructure for supporting e-Governance initiatives of National e-Governance Plan (NeGP). Under the NeGP, State Data Centers consolidate services, applications and infrastructure to provide efficient electronic delivery of G2G, G2C and G2B services.

These State Data Centers also provide many functionalities like Central Repository of the State, Secure Data Storage, Online Delivery of Services, Citizen Information/Services Portal, State Intranet Portal, Disaster Recovery, Remote Management and Service Integration etc. SDCs also provide better operation & management control and minimize overall cost of Data Management, IT Resource Management and Deployment.

Common Services Centers : Our vision of reaching to various vertical in consonance with the Government plan to set up Common Services Centers (CSCs) Scheme for providing support and every individual benefit of technology to villages of India..

The company provides connectivity using wireless technology for access in the rural areas in the licensed and unlicensed bands. Unlike other solutions, that deliver limited bandwidth and are designed primarily for voice, our solutions are IP based and deliver the highest quality of voice, data and video. With the

largest wireless rollout infrastructure and the combination of the highest levels of networking skills, emerges as the partner of choice for rural and beyond-the-metro connectivity.

Banking, Financial Services & Insurance

Our solutions for BFSI vertical focuses on key issues the BFSI industry faces with technology. With the extensive experience and in-depth understanding of the industry, S.P. Networks has developed innovative, best-of-the-breed solutions to meet head-on, the present and future needs of the customer.

S.P. Networks has not only developed specialty in developing network integration but also in core banking software solution leading banks, financial institutions, and insurance firms resolve complex business challenges with secure, reliable services. The company offers total banking solutions that not only take on today's challenges but keep them ahead of the competition. Our comprehensive and cost-effective banking solutions include network integration, branch connectivity, internet access and managed services, supported by our on-site and remote technical expertise.

We have the required experience in managing and provisioning large networks across geographies. With the state of art delivery center and large pool of certified technical resources, S.P. Networks provides a wide range of service offerings, enabling our customers to gain an edge over the competition in the industry.

S.P. Networks Solutions for the BFSI industry include:

Enterprise Communication Solutions

ATM Connectivity

S.P. Networks provides anytime, anywhere banking with various delivery mechanisms like internet banking, tele-banking and ATMs, which can be well connected across the location and centrally controlled.

Branch/ DSA Connectivity

Not only in I.T. Integration, S.P. Networks also provides MPLS VPN connectivity by service provider in India, and can offer connectivity to all your branches, DSA's and partners across the country. To cater to the high bandwidth availability requirements, the company gives its customers access to the most extensive hybrid network in India

Rural connectivity

Unlike other solutions, which provide limited bandwidth and are designed primarily for voice, our solutions for rural areas are IP based using wireless technology and deliver the highest quality of voice, data and video. With the best breed of wireless infrastructure and the combination of the highest level of networking skills,

Leased Circuits

S.P. Networks provides end to end dedicated connectivity over leased circuits across the country. We also help financial institutions in creating city wise metro Ethernet networks for an always on multi dimensional access involving thousands of desks.

Facilities Management

Facilities Management Services from S.P. Networks involve an effective combination of people, process and technology to ensure that your IT infrastructure is always up and running. We undertake complete responsibility of ensuring 24*7 on-site services, availability and performance of the customers' IT Infrastructure as per SLA. Our skilled professionals, powered by best-in-class practices and state-of-the-art technology, deliver on-site customized solutions for facility and infrastructure need of our customers.

Integration Solutions

VOIP, Video Conferencing

S.P. Networks, today, has specialized skill sets and delivers various technology solutions including advanced IP routing and switching, IP telephony, Voice over IP, Video conferencing, tele-presence, Security and Wireless LAN.

Consulting and Advisory

More than 15 years of practical experience gives S.P. Networks the solid foundation necessary to act as a trusted advisor to the banking and financial institutions. S.P. Networks provides consulting in IP, LAN/ WAN, Data connectivity, VoIP, Video conferencing, VPN, Facility Management and Core banking.

Communication Solutions

Radios

S.P. Networks can offer a wide variety of secure point-to-point and point to multi-point radios, either in fixed frequency or frequency hopping format as per various wireless standards. It can help establish linkages, conduct path profiles and RF survey in any terrain. As an indigenous radio solution provider, we can offer custom designed IP ready radios in any of the below mentioned standards in desired frequency band of your choice:

- Wireless 802.11 a/b/g/e/n – WI-FI. .

- PDH/SDH point to Point radios up to STM-4 strength
- Fiber MUX

Network Integration

Defense needs secure and robust communication infrastructure which is highly reliable across the length and breadth of the country. S.P. Networks has strategic partnerships with large proven OEM's and has a large pool of OEM certified support resources, providing scalable network integration solutions for the Defense environment. The ability to integrate the physical layer to Data and Transport layers through high bandwidth switches and routers, interoperability devices and exchanges. S.P. Networks specialized in complex wide and local area networks. These networks would be commissioned, maintained and supported by our support services ensuring high uptime availability of infrastructure.

MPLS Connectivity

An assured pipeline of information tunneling would ideally be a Defense priority. To connect to the remotest and farthest corners in the safest and most secure format would be Ideal. Various Directorates and Command centers of the Arms and services not operating in a dedicated Defense networks would find MPLN/VPN as the fastest mode of communication with high service level assurances. S.P. Networks being the largest MPLS VPN service provider in India, offers a complete suite of services, enabling the Defense forces to outsource their rollout and management of the WAN networks to meet their requirements. To cater to the high bandwidth availability requirements, the company gives its customers access to the most extensive fiber network in India. S.P. Networks offers hybrid connectivity solutions to implement and roll-out 99.95% uptime

networks across every nook and corner of the country. We have proven experience in connectivity solutions and prior knowledge of implementations in the Defense environment.

Leased Circuits

We provide end to end dedicated connectivity over leased circuits across the country. We also help our customer forces in creating city wise metro Ethernet networks for an always-on multi dimensional access involving thousands of desks.

IPLCs

Our International Private Leased Line circuit offers point to point digital circuit with a dedicated bandwidth to defense forces, which provide bulk transport of data, voice and video.

Secured Internet Access

Security is the most critical area in a defense environment; We also provides internet access on wireless as well as on fiber optic last mile in large cities across India. Customers located in key business districts are able to enjoy high bandwidth using dedicate fiber connectivity. The company specializes in providing 10Mbps bandwidth connectivity to the defence forces with the highest service levels.

VOIP, Video Conferencing

S.P. Networks, today, has specialized skill sets and delivers various technology solutions including advanced IP routing and switching, IP telephony, Voice over IP, Video conferencing and tele-presence in a secure format.

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