INFOMANIA

ARWENTECH NEWSLETTER

FY 2017

MESSAGE FROM COO

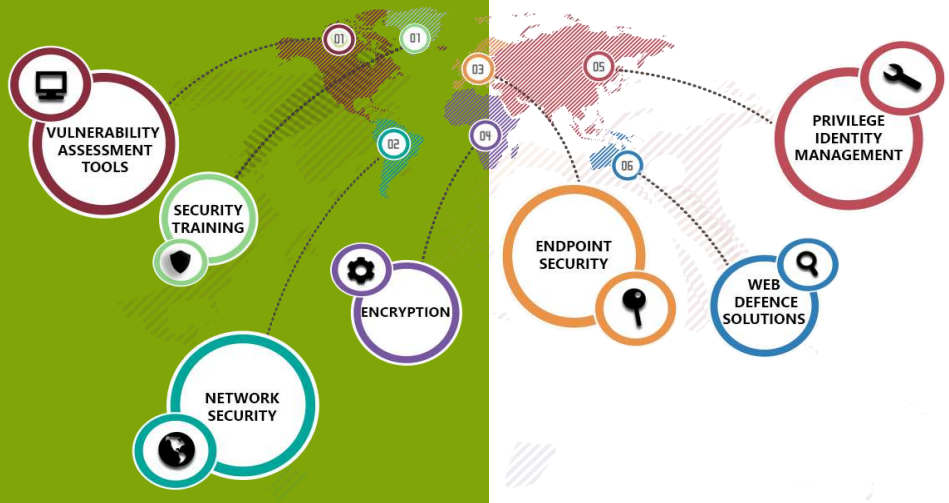
HEADLINES

- α Business Success
- α Recognition and Awards
- α Events & Engagements
- α Strengthening Arwen
- α Managed Services
- α SLAs
- α Cloud Services / Hybrid IT

Bank Alfalah

Selects Arwen Tech as their trusted partner to asses their network and suggest loopholes and possible improvements.

The aim of the Network Assessment Review is to determine the health of the Network from a performance, security and resilience perspectives collectively. The network of Bank Al Falah has gone through various upgrades and growth during the past few years in various stages. ArwenTech has been approached by the bank to provide a detail assessment review of the network to ensure that the architecture is optimal and ensure smooth operations to enable bank not just to grow but also provide non-disruptive operations. Provide a detailed report to be used for optimizing the network. Security analysis performed for current and possible loopholes present in the network (north-bound, south-bound, East-west). This include analyzing Firewalls rules, Access policies etc. Technical analysis of WAN connectivity and identified opportunities for WAN performance improvement. Perform analysis of Firmware running on different devices as well as all sort of design & configuration level analysis. Analyze different types of protocols (Layer 2 & Layer 3) running in different scenarios like WAN Connectivity, Local LAN connectivity, Internet, business partner connectivity, High availability between DC & DR etc. Perform a detailed Analysis, using appropriate tools, of traffic flowing through the core networks to determine bottlenecks and issues



Network Monitoring Solution at Adamjee Insurance

adamjee insurance

Arwentech Provided Network Monitoring Solution at Adamjee Insurance Private Limited. Initially they were using What's up Gold and third party solutions.

Arwentech Proposed Solarwinds Solution with Multiple Products including

- Netflow Traffic Analyzer
- Server and Application Monitoring
- User Device Trakker.

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KE SLA: k-electric one of the leading energy supplier in the country has renewed their SLA and continued the journey with ArwenTech

KE Campus Switch 4500:

Arwen Tech succesfully installed Campus Switches in KE and perfoming / maintaining Support for the needful via maintaining an experienced Team and providing unleashed support services to Active KE Systems 24x7.

KE ISR Routers: Arwen Tech successfully deployed ISR in KE and preforming / maintaining Support for the needful via maintaining an experienced Team and providing unleashed support services to Active KE Systems 24x7.

Jahanzeb Khan
VP Networks
UBL
"Arwen has been a valued partner to our Organization. Their leadership and personnel, work well in a teaming environment, customizing their approach to fit the unique needs and culture of KE rather than trying to force a rigid process onto an organization. Team @ Arwen is well acquainted with broad skill sets that range from spend analysis to research to negotiations, yielding positive results required at KE. I wish Arwen all the best in their future endeavors".

UBL
where you come first

UBL Selected Arwen Tech to deploy state-of-the-art Disaster Recovery Site for it's Data Center.

United Bank Limited was incorporated in Pakistan with the registered office in Karachi, and the principal office situated in Islamabad. The UBL bank operates around 1281 branches all over Pakistan including 22 Islamic banking branches, and 1 branch in Karachi export processing zone and 18 branches outside Pakistan.

UBL is providing its IT services from its centralized Data Center located at Karachi HO. For disaster recovery purpose UBL has another DR site in Karachi (same geo location).. UBL, IT Management decides to establish another Data Center at different geo location as Lahore .

For three banking IT segments like WAN Aggregation, Internet segment and extranet segment UBL IT management selected Juniper products and Arwentech as a solution provider.

JUNIPER NETWORKS

Major Benefits

- Comprehensive protection includes multigigabit firewall; open, actionable threat intelligence via Spotlight Secure; dynamic policy enforcement.
- Advanced security services include IPS, application security (AppSecure), user role-based firewall controls, UTM (antivirus, antispam, Web filtering), Network Address Translation (NAT), and quality of service (QoS).
- Express Path, an optimization capability available on the next-generation line cards (IOCII), securely optimizes SRX5400 performance to improve Internet Mix (IMIX) bandwidth by identifying traffic flows that do not require additional inspection or deep processing.
- Carrier-Class Reliability. System and network resiliency ensures six nines of carrier-class reliability from redundant hardware and components, as well as Junos OS software
- Scalable performance enables additional services without degradation.
- Versatile. Advanced routing, switching, security, and service features include support for a wide range of L2/L3 VPNs and broadband network gateway functions.
- Highly Redundant Design. The resiliency features and connectivity redundancy will be leveraged such that the overall network behavior, in terms of traffic-flows and connectivity services, is protected against any single-failure

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HBL

Arwen Tech added more Network Performance Monitoring solution components at Habib Bank

HBL was looking for a all-in-one complete monitoring solution that can not only provide simple network-level information but to give an in-depth view of the traffic and provide analytics. Arwen Tech proposed industry's trusted IMS provider, Solarwinds' multiple products to cater HBL's Network Monitoring Requirements. This year Arwen Tech added more components to their network monitoring solution including IPAM & NCM

solarwinds

IPAM

- α Automated IP address tracking
- α Integrated DHCP, DNS, and IP address management
- α IP alerting, troubleshooting, and reporting
- α Delegated administration
- α IP detail and history tracking
- α API Support

NCM

- α Network automation
- α Network compliance
- α Configuration backup
- α Vulnerability assessment
- α Integration with Network Performance Monitor
- α Device lifecycle management

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selects Arwen for its ongoing Juniper Switching and Branch connectivity projects

Data stored in a branch (specially when it's a bank) is not less critical than the one residing at the data centre. For the new branches Meezan bank was looking for a cost-effective solution without compromising on the network security. After detailed analysis of the overall solution Arwen Tech proposed market leader Juniper's EX Series Intelligent Layer 3 Switches and Next Generation SRX Branch level Firewall Gateways. This year, MBL continued the deployment of it's new branches with similar configuration as per last year.

These branch level SRX 110's are equipped with Juniper's unique, AppSecure. Its a suite of application security capabilities for Juniper Networks SRX Series Services Gateways that identifies applications for greater visibility, enforcement, control, and protection of the network. AppSecure understands application behaviours and weaknesses, and it can prevent application-borne security threats that are difficult to detect and stop. MBL will leverage:

- α **Application Awareness and Classification** exposes SRX Series gateways to next-generation security services for increased visibility, control, and protection.
- α **Nested Application Support** provides enhanced protection against modern evasion techniques that utilize trusted services
- α **User and Role-Based Policies** provide easier, better protection and reduce the number of policies needed to account for user location, IP address, etc
- α **SSL Inspection** protects against threats embedded in SSL-encrypted traffic

JUNIPER NETWORKS

BOK selects Arwen Tech as a trusted Solution Provider to deploy Solarwinds Solution for their network

After evaluating multiple solutions, Bank of Khyber finally selected Solarwinds as their eyes and ears for their network. With a vast experience of Solarwinds Monitoring Solution deployment in more than a dozen Bank, BoK awarded the project to Arwen Tech. Following are the components currently deployed by Arwen Tech as BoK:

- Network Performance Manager
- Network Traffic Analyzer
- Failover Engine.

Network Traffic Analyzer

- Bandwidth monitoring
- Network traffic analysis
- Performance Analysis Dashboard
- CBQoS policy optimization
- Customizable network traffic reports
- NBAR2 advanced application recognition

Network Performance Monitor

- Multi-vendor network monitoring
- NetPath™ critical path visualization
- Performance analysis dashboard
- Intelligent alerts
- Network insight for F5® BIG-IP® Wireless network monitoring

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NCCPL selects Arwen Tech as their trusted partner to deploy Cisco Telepresence Solution across multiple offices

National Clearing Company of Pakistan Limited (NCCPL) is a significant institution of Pakistan's Capital Market providing clearing and settlement services to the Pakistan Stock Exchange Limited.

The Mission of National Clearing Company is to inculcate exemplary Corporate Governance based on high levels of integrity, confidentiality and availability of automated business systems for all the stake holders in the Capital Market of Pakistan. NCCPL is

committed to develop state-of-the-art business and technology infrastructure for efficient and cost effective integration of capital and financial markets. The Company endeavors to achieve its goals by striving for excellence in personnel and technical resources.

Arwen Tech deploys NMS Solution at BAF

This project includes multiple Solarwinds modules like Network Performance Monitor & Network Traffic Analyzer. Resiliency and high-availability was also a core requirement of BAF. HA is supported on all Solarwinds products via Failover Engine (FoE) which was also a part of this project.

BAF has now complete visibility over their network in the form of an interactive dashboard accessible to all stakeholders.

Selects Arwen Tech to deploy Microsoft Exchange Services

The story of textiles in the subcontinent is the story of Gul Ahmed. The group began trading in textiles in the early 1900s. The group entered in the field of manufacturing with the establishment of today's iconic name of Gul Ahmed Textile Mills Ltd in the year 1953. Since its listing on the Karachi Stock Exchange in 1970, the company has been making rapid progress and enjoying a leading position in the world of textiles.

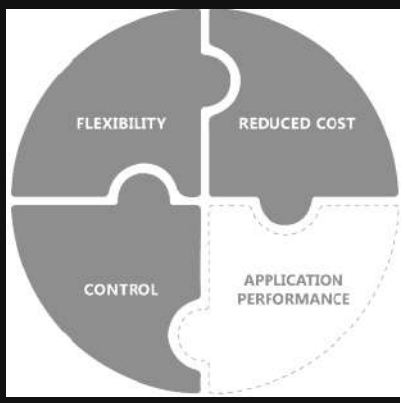
Due to it's gigantic organization size, the company is running on Microsoft Exchange Server—as an email system for it's employees. The whole IT department was quite comfortable with Dell, however, after multiple discussions with Gul Ahmed, Arwen Tech was successful in shifting their interest to Cisco UCS Servers, and eventually won.

Technology Events & Seminars

It's been more than a decade since Arwen Tech is in this technology market. Rather than just promoting any specific product, Arwen Tech believes and promotes the technology which can not only remediate the pain points of our customers but also yields a business outcome. There is no point in opting a technology from which you don't benefit fully.

Since our customers are swamped in daily operations, we consider this our corporate responsibility to keep them updated with the latest trends and technology in the market.
While this knowledge sharing is a daily routine in our regular customers' visits, it often sometimes doesn't yield the full benefit when compared to a dedicated technology learning session. To address this, Arwen Tech has conducted few seminars in the last fiscal year.

SD-WAN Held on 27th April 2017



Arwen Tech conducted a seminar dedicated to SDWAN. It was an interactive session in which participants from multiple industry verticals participated. Various brilliant minds, when combine together funnel ideas which are sometime mind-blowing.

The seminar covered the technology innovation in the area of WAN path control, transport-agnostic connectivity, management, and automation—synonymously SD-WAN promises the ability to deliver simplicity, automation, and agility for businesses at compelling cost.

Cyber Security Held on 06th December 2016

Network outages, hacking, computer viruses, and similar incidents affect our lives in ways that range from inconvenient to life-threatening. As the number of mobile users, digital applications, and data networks increase, so do the opportunities for exploitation.

Cyber criminals are indiscriminate. Where there is a weakness, they will try to exploit it. Therefore, all organizations need to understand the cyber threats they face, and safeguard against them.

To keep our customers updated with the latest threats and cyber attacks forms and their remedy, Arwen Tech conducted a Seminar in coordination with Cisco in which almost all of the relevant security products were introduced and discussed. It was quite an interactive seminar in which customers from different industry verticals participated.

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Technology Article

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Arwentech chosen as Rising Star Partner at Solarwinds Partner Summit

Arwen Tech was awarded as the Rising Star Partner at Solar-winds partner summit in Bali, Indonesia.

CISCO Gold Audit 2017

Arwen Tech Successfully cleared Cisco Gold Audit for the year 2017.

ISO 9001: 2008 Certification for 9th Consecutive Year

SGS is the world's leading inspection, verification, testing and certification company. Arwen has been associated with SGS since 2007. The certificate was obtained after meeting the requirements and activities in ***Information Technology Solutions, System Integration and Implementation.***

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