



Automania

INSIDE

Business Success

Recognition & Awards

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Strengthening Arwen's Product Portfolio

FROM TEAM ARWEN

HAPPY NEW YEAR!

COO's Message

Abdul Qadir Sobhani

Chief Operating Officer
Arwen Tech (Pvt) Ltd

A Decade of Achievement : Believe this is one of the best platform to say **Thanks** to all of our **Clients, Partners, Investors** and **Team** for their collaborative efforts, at this successful completion of 10 years. It has been an exciting journey for all of us, we would not have managed to be the success we are without your commitment. Brand Arwen has gained a great strength and respect in the marketplace. Last 10 years have been very interesting for all the stakeholders as Al-Humdolillah Arwen successfully delivered more than 1000 different sized projects worth billions of rupees including some key Telco, Public sector and Financial sector backbones and Data Centers.

Where Arwen has been a platform for many young engineering and business graduates to embark their professional careers to make their futures, it also got contributed by a great industry potential of experienced pool of resources in its overall success of where it stands today.

All our stakeholders have contributed heavily to our success, we have been fortunate to build so many great relationships and have countless memorable experiences over these 10 years. We have been able to prove ourselves as an Established ICT players in the market place.

Brand Arwen will stay as we intend to continue getting investment in the company and collaborate. We have got a great potential to add New Services into our portfolio. We will also invest in maintaining our core competency of Networking & Collaboration, heavily in our people and technology to ensure we provide the 'Winning' solutions and association experience for our valued customers.

Here is to pushing new frontiers, to continue to innovate and to making a difference.

Best wishes for year 2015.

The rest of the newsletter will give you some of our recent success stories in terms of signing up new projects and/or completing the projects in hand in last quarter of CY2014.

Enjoy reading.

We look forward to your feedback




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MCB EDN Core Network Upgrade

First ever deployment of Juniper Networks' Qfabric System in the Financial Sector of Pakistan.

MCB Bank Limited, one of the leading banks in Pakistan with over 1200 branches has awarded its EDN Core Network upgrade project to Arwen (Pvt) Ltd. The Network Upgrade comprises of Juniper Networks' high performance Routing/Switching, Data Center and Security Solutions including MX Series 3D Universal Edge Routers, SRX Series Services Gateways, QFabric System, EX Series Ethernet Switches and STRM Series Security Threat Response Managers. This is the first ever deployment of Juniper Networks' QFabric System in the Financial Sector of Pakistan.

The QFabric System is composed of multiple components working together as a single switch to provide high-performance, any-to-any connectivity and management simplicity in the data center. It is a highly scalable system that improves application performance with low latency and converged services in a non-blocking, lossless architecture that supports Layer 2, Layer 3 and Fiber Channel over Ethernet capabilities.

As part of the upgrade project Citrix Netscaler ADCs (Application Delivery Controllers) were also deployed for Core Banking Application load balancing and traffic compression.

Arwen's Professional Services team has deployed the complete solution along with integration and migration strategies for seamless transition of the Bank's critical data traffic to the new infrastructure. Multiple networking technologies including OSPF, BGP, MPLS L3 VPN and VPLS were used to design an optimal and scalable solution.

Cisco Congratulates Arwen For Achieving Excellence In Satisfaction

Cisco Congratulates Arwen Tech for achieving "Cisco Channel Customer Satisfaction Excellence".

Customer Satisfaction Excellence is the highest distinction a partner can achieve within the Cisco Channel Partner Program. ARWEN TECH (PAKISTAN) is being continuously recognized for Customer Satisfaction Excellence with a special star indicator representing our achievement.





FINANCIAL SECTOR

Primary Data Center

Helps To Meet The Increasing Demands for Network Connectivity

The HBL logo, consisting of the letters 'HBL' in white on a teal square background.

HBL, one of the leading banks in Pakistan select Arwen for their Primary Data Centre projects deployment.

Arwen addressed their requirement with Cisco Nexus 7700 Core Switch with Nexus 2K & ASA 5585 Firewall to strengthen the HBL Data Center.

Arwen deployed Cisco Nexus 7700 as core Switch and Cisco Nexus 2000 fabric extender at HBL. Cisco Nexus 7000 Series Switches offers one of the most comprehensive data center network feature sets in a single platform. They deliver high performance and density for core, aggregation, end-of-row, and top-of-rack server deployments in a highly resilient modular platform, and also deliver a comprehensive Cisco NX-OS feature set.

Cisco Nexus 2000 Series switches are designed to provide connectivity for rack and blade servers, as well as converged fabric deployments. You gain a consistent, unified server access platform that scales across a range of connectivity solutions.

Arwen also deployed Cisco ASA 5585 Firewall at HBL Data Center. Having ASA 5585 Adaptive Security Appliances which delivers a robust suite of highly integrated, market leading, superior scalability, performance and security for enterprise, service providers and mission critical data centers. It can handle high data volumes without sacrificing performance. This helps enterprises to meet the increasing demands for network connectivity without the need to invest in additional data center space and incur the corresponding maintenance costs.

1Link Choose To Rely On Arwen's Customer Support Once Again



Network SLA

1Link Pakistan selected Arwen Tech for their Data Center Network SLA for the Year . Arwen signed, a maintenance agreement with 1Link to provide technical assistance with highly qualified Engineers. This agreement will ensure the smooth operations of 1Link's Data Center mission critical services.



Improving Customer Satisfaction & Profitability



Bank Alfalah operating through 574 branches domestically and an international presence in Afghanistan, Bangladesh and Bahrain

Arwen Ensured Branch Network Visibility & Quality of Voice Network for Bank Alfalah Through PTCL!

“In an effort to have a complete visibility of branch networks connectivity and quality assurance of IP based Voice Network, Arwen has recently deployed the trusted and tested solution of SolarWinds for Bank Alfalah.

SolarWinds provides enterprises with a complete portfolio and Network Management and Visibility tools. Arwen is a leading partner of SolarWinds in Pakistan to deploy SolarWinds solutions for Data and Voip Networks. Arwen Professional Services has installed, configured and optimized SolarWinds Network Performance Monitor (NPM), Netflow Traffic Analyzer (NTA) and Network Quality Manager (VNQM) tools for BAFL”.

Arwen Helped Bank Alfalah Strengthen Security, Performance & Availability By Designing, Configuration & Optimization of Lancope's StealthWatch Solution.

Arwen designed and deployed Lancope's StealthWatch Solution, a Network based Analysis tool. StealthWatch combines powerful network performance monitoring with behavior-based anomaly detection to deliver total network visibility, ensuring network security, performance and availability. This flow based approach enables cost-effective protection of hosts and networks without requiring host based agents or continuous signature updates. The solution comprises of StealthWatch Console, Flow Collector, Flow Sensor and Identity Appliances in the Primary Data Center as well as additional StealthWatch Flow Sensor at the DR site. Arwen's Professional Services facilitated Bank Alfalah through the design, configuration and optimization of the solution.

ARWEN positioned as 1LINK PARTNER SUCCESS



Arwen has teamed up with 1Link to roll out multiple successful projects contributing to improved efficiency and operational productivity for 1Link.

Arwen has been awarded **“Partners in Success Award”** by Mr. Faisal Ejaz Khan, CEO 1Link, acknowledging Arwen's status as 1Link's technology partner who has always facilitated 1Link in their journey to success.



TEXTILE & HANDLOOM SECTOR

Arwen Successfully Deployed UCS Blade Servers & Data Center Core Switch



Gul Ahmed Textile Mills Ltd., a leading manufacturing firm of Pakistan, recognizes Arwen's strength in Data Centre and chooses Arwen to execute Data Centre Project.

Successful Deployment of Cisco UCS Blade Server By Arwen

Arwen successfully deployed Cisco UCS Blade Server at GTML. The Cisco Unified Computing System (Cisco UCS) combines Cisco UCS B-Series Blade Servers and C-Series Rack Servers with networking and storage access in a single converged system that simplifies management and delivers greater cost efficiency and agility with increased visibility and control. Together the server improvements and complementary Cisco UCS system advancements deliver the best combination of features and cost efficiency to support IT's Diverse needs.

The Cisco UCS Blade Server delivers High performance, versatility, and density without compromise. It addresses the broadest set of workloads, from IT and web infrastructure, through distributed database. Cisco UCS has the architectural advantage of not having to power and cool excess switches in each blade chassis.

Data Center Core Switch Deployed

Ensures fast, secure, reliable delivery of data and applications.

Arwen deployed Juniper EX-8200 as core switch at GTML Network Operations Center. Having EX Series Ethernet switches deliver access, aggregation, and core layer switching services in branch, campus, and data centers networks to ensure fast, secure, reliable delivery of data and applications.

All EX Series Ethernet Switches address escalating demands for high availability, unified communications, mobility and virtualization within enterprise networks. The EX Series switches increase competitiveness and contribute to business success by delivering operational efficiency, business continuity, and network agility for end-to-end enterprise environments.

Arwen Reigning Mid-size Business Success

Khaadi Select's Arwen As Technology Partner To Enhance Enterprise Data Network



Khaadi, a leading apparel and fashion accessories company having outlets in Pakistan, UAE, Malaysia and London.

Khaadi, selected Arwen as technology partners to upgrade and enhance their Enterprise Data Network. The upgrade consists of latest Cisco Core and Access Layer Switches including Cisco 4500 series and Cisco 2960 series Switches. Arwen also upgraded their Enterprise WAN and Security by choosing Cisco's 2900 Series Integrated Services Routers and ASA NGFW (Next Generation Firewall) with Firepower Services. Cisco's NGFW with Firepower Services are adaptive, threat-focused next-generation firewall that delivers integrated threat defense across the entire attack continuum. Khaadi will use these services to provide Advanced Intrusion Prevention and Secure Access to their employees to its Corporate Network. Arwen's Professional Services team will design, implement and provide Technical support to Khaadi in execution of project.



ENERGY & TELCO SECTOR

Arwen Positioned Wide - ranged Intelligence Service & Features

**United
Energy
Pakistan**



United Energy Pakistan (formerly known as British Petroleum), the company having largest offshore acreage for single exploration and production in Pakistan so far, selects Arwen for their Network Revamp Project.

Arwen successfully deployed Cisco Catalyst and Cisco wireless solution at UEPL. Cisco Catalyst Switches are the foundation for Cisco Enterprise Networks and the industry's most widely deployed modular platform for campus access and distribution deployments. The Cisco Catalyst delivers comprehensive intelligent services and features across wired and wireless networks.

Cisco Aironet sets a new standard for enterprise wireless technology by offering great performance, functionality, and reliability at a competitive price. It is designed with rapidly evolving mobility needs in mind. The Cisco Aironet Access Point helps ensure an interference-free, high-speed wireless application experience, sustains reliable connections at higher speeds farther from the access point than competing solutions, increasing the availability upto 450 Mbps data rates. Optimized for consumer devices, it also accelerates client connections and consumes less mobile device battery power than competing solutions.

Arwen Provides CMPAK a Comprehensive IT Management Solution

ZONG
Say it all

China Mobile Pakistan (CMPAK) is a 100% subsidiary of China Mobile. The pioneering overseas set up of China Mobile came through acquisition of a license from Millicom to operate a GSM network in Pakistan.

China Mobile Pakistan (CMPAK) a subsidiary of China Mobile has selected Arwen to provide them a complete solution for Accelerated IT Performance and Visibility. SolarWinds, a leader in Network and Application Performance was the preferred choice of Arwen to provide CMPAK a comprehensive IT Management Solution. Multiple tools from SolarWinds product portfolio will be deployed in CMPAK which includes SolarWinds Network Performance Monitor (NPM), SolarWinds Server & Application Monitor (SAM), SolarWinds Netflow Traffic Analyzer (NTA), SolarWinds IP Address Manager, SolarWinds Network Configuration Manager (NCM), Log and Event Manager (LEM), Failover Engine, SolarWinds Engineer's toolset, SolarWinds Network Technology Mapper (NTP) and SolarWinds Mobile Admin. Arwen will provide complete Project Life Cycle services to CMPAK which includes design, deployment, configurations, customization, optimization and support services for the solution.



Recognizing Our Achievements



Mr. Imtiaz Mahmood
Chief Information Officer
MCB Bank Ltd

“On celebrations of 10th Anniversary; we wish Arwen Tech (Pvt) Limited to continue with success and many more years of excellence.

Being a satisfied customer, we applaud the strategic vision of Arwen to provide support with dedication as a reliable technology partner.”



Mr. Adnan A. Chaudhary
Executive Director
Adamjee Insurance Company Ltd

“We thank and congratulate Arwen on its 10th Anniversary. We also appreciate and acknowledge your association with Adamjee Insurance Company Ltd. Please accept our gratitude for all your support and cooperation.

Looking forward to a long lasting relationship between Adamjee Insurance Company Ltd & Arwen Tech (Pvt) Ltd”

Arwen Awarded “Partner Performance Award” By Aptech - Ingram Micro Company



On December 11th, 2014 during “**Aptech Cisco Partner Meet 2014-15**” at PC Hotel Karachi Aptech Ingram Micro Company extended **Partner Performance Award** to Arwen Tech (Pvt) Ltd in recognition of outstanding achievement in **Year 2014**.



Mr. Martin Meitza Business Unit Manager | **Cisco** presenting award to **Mr. Raj Khatri** - Manager Procurement & Logistics | **Arwen Tech (Pvt) Ltd**



Reigning The Corporate Sector With Technological Deployments



Seminar on Independent Cloud Computing was organized by Arwen Tech (Pvt) Ltd in collaboration with Riverbed and FVC.

It was an opportunity to discuss Application Performance and its impact on business. The Riverbed Application Performance Platform is the most comprehensive platform to enable the hybrid enterprise to embrace location-independent computing, so that business objectives – not technical constraints – drive how applications and data are delivered.

Seminar was to share how enterprises can improve user experience, reduce IT costs and gain insights for their business.



Mr. Sarwar Maniar - Head Of IT I UEP was spotted with Mr. Qadir Sobhani - COO Arwen Tech (Pvt) Ltd.



Left to Right: Mr. Salman Ali - Presales Consultant I Riverbed & Mr. Surmed Shaikh - Channel S.E I FVC



Left to Right: Mr. Zakir Hussain MCB, Mr. S. Mahmood Huda FVC, Mr. Nawaz A. Sipra - CAA, Shabbir Anwar CAA, Mr. S. Iqbal - Arwen, Mr. Sawar Maniar UEP, Salman Mansoor DHL, Mr. Qadir Sobhani & Team Arwen.

Seminar On Riverbed Performance Platform by Arwen Tech (Pvt) Ltd in collaboration with Riverbed and FVC.

Arwen Tech (Pvt) Ltd organized a Seminar on Riverbed Performance Platform to develop vigilance on how Riverbed performance management and centralized management is the only end-to-end solution that combines user experience, application and network visibility to detect and resolve issues before end users notice.



Mr. S. Mahmood Huda - RSM Pakistan & Afghanistan I FVC

While addressing audience.



Arwen has vast product portfolio and Riverbed is one of them. It was definitely an opportunity to validate and reinforce our thinking breadth and identifying gaps that need to be plugged

From Wall Of Frame!





New Alliances

riverbed
Think fast.™

Arwen is proud to announce a new partnership with the IT performance company, Riverbed. Arwen is now able to offer customers a host of cutting edge information technology solutions for WAN optimization, application acceleration, network and application performance and more. Riverbed's performance products give the ability to fully utilize existing WAN bandwidth to its full potential through Data, Transport and Application Streamlining.

Riverbed's product suite, which includes SteelHead, SteelFusion, SteelScript and SteelCentral can speed up application performance and reduce bandwidth utilization.



Arwen Tech has achieved Gold partner status with the Oracle Partner Network (OPN). By attaining Gold level membership, Oracle has recognized Arwen Tech for its commitment to establish Oracle related knowledge in delivering services and solutions from Oracle's comprehensive applications and growing product portfolio and for uniquely addressing the challenges of joint customers.



The Bosch division Security Systems, a leading global supplier of security, safety and communication products, solutions and services and Arwen, a leading System Integrator, entered into the partnership to serve customer with a complete end-to-end solution allowing them to complement their business offering with services like Smart Security Solution.



Insider threat controlled

A new approach for managing privileged identities

As per a recent survey, out of those organizations that had experienced a breach, 49% indicated that it was due to an internal attack (up from 35% in the previous year's survey) key concern that has emerged is that internal security threats represent a significant number of the information security incidents that impact an organization full 96% of respondents in the above referred survey indicated that they are concerned about employee misconduct involving their information systems. Your administrators need to have maximum privileges on your systems to ensure that they keep the IT infrastructure healthy and up for business every morning. Yet the role of administrators in today's environment is to multitask and manage complex IT infrastructure, which necessitates diluting various critical security procedures and entitlements. The concern today is to manage these diluted controls from predatory eyes especially in the era of extreme competition to ensure that any such privileges are used only for authorized purposes.

The advent of IT outsourcing, managed IT services and now cloud computing has further

raised several security concerns around privilege identities and their impact on corporate DATA. Privileged identities thus ensuring you have adequate controls around what is the key for any organization "DATA" and also meet regulatory compliance. PIM (Privileged Identity Management) also provides restricted access controls and monitoring capability for remote vendor access.

Benefits of Privilege Access Management

- Controls access to accounts that holds elevated permissions to access files, install and run programs, scripts and change configuration settings of IT assets
- Enforces controls to get aligned with audit and regulatory compliance.
- Centrally integrate privileged access of diverse IT systems by virtual users groups as well as business and server groups.
- Single sign-on with Active Directory integration.
- Privilege log management activity to ensure audit trail and alert mechanism with comprehensive filters
- Provisioning and De-provisioning users, accounts, rights and their interdependencies.
- Enforce rules for 'one-click' password change. Synchronize changes across all dependencies for diversities and changed frequency.



HR PHILOSOPHY

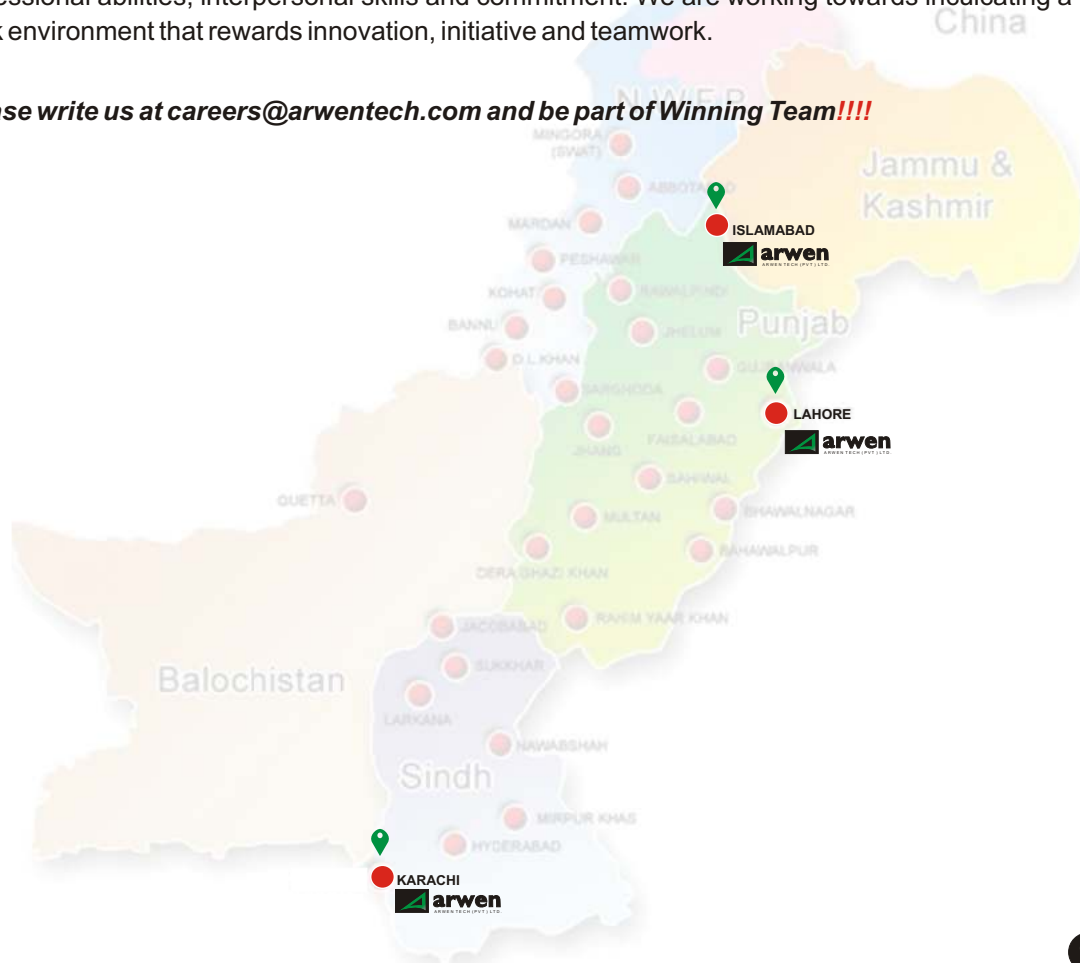


At Arwen Tech, the Human Resource function plays a critical role in understanding business objectives, by leading change, fostering innovation and mobilizing talent to sustain the Company's competitive edge. Our HR activities are aligned with our business direction; guided by our vision, consistent with our core values and in support of our business goals.

With creativity and initiative driving the management team, Arwen Tech is a powerhouse of expertise. Possessing unparalleled knowledge of the market today, our dynamic team gauges and fulfils the requirements of its customer's business with concise precision. Working in an atmosphere charged with team spirit, each member of our team strives to achieve his/her highest potential through the realization of our client company's goals and targets.

Human Resources policies are designed to select and promote individuals based on their professional abilities, interpersonal skills and commitment. We are working towards inculcating a work environment that rewards innovation, initiative and teamwork.

Please write us at careers@arwentech.com and be part of Winning Team!!!!





arwen

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