SIMPLIFIED CLOUD NETWORKING WITH ARUBA CENTRAL

IT'S TIME TO THINK DIFFERENTLY ABOUT MANAGING YOUR NETWORK

As workplaces become more digital, and the adoption of mobile and cloud applications grows, the network and IT staff supporting them must meet the rising demands for secure, high-speed network access. It's time to embrace the value of the cloud.

Large or small business? We've got you covered. Guests that login at all hours of the day? Not a problem. Voice and other bandwidth hungry apps running over your network? We provide you with the visibility and control you need.

Building and maintaining wireless, wired and WAN networks that businesses thrive on should be as simple as using email. Relevant data should be at your fingertips. Basic configuration changes should be easy and accessible from anywhere and at any time. Aruba's cloud-managed networking is the answer.

NOT ALL CLOUD-MANAGEMENT IS CREATED EQUAL

Very often, cloud solutions are light-weight and stripped down to a bare minimum to satisfy a checklist. While simplicity is one of the important components of a cloud management service, business-class solutions need to deliver more.

Aruba's cloud-managed network solution includes Aruba Central, for easy to use wireless, wired and WAN management, along with Aruba's portfolio of Instant access points, switches and branch gateways. All centrally managed via a scalable, flexible and always on web-based interface.

INTEGRATED WIRED, WIRELESS AND WAN INFRASTRUCTURE MANAGEMENT

The strength of any cloud-managed network lies first in the network infrastructure. Aruba's industry-leading wireless, wired and WAN devices are built to perform, and designed to be provisioned and managed from the cloud.

Aruba Instant APs share the same enterprise-grade security, resiliency and scalability as our Campus access points, with the added benefit of cloud-based management. Integrated controller functions, Adaptive Radio Management (ARM) and ClientMatch technology ensure that your wireless network is automatically optimized for reliability and superior performance.

Aruba Switches deliver both the performance and reliability you need for your growing business, while offering enterprise-class management. Multi-gigabit Ethernet ports, powered by HPE Smart Rate technology, means your network
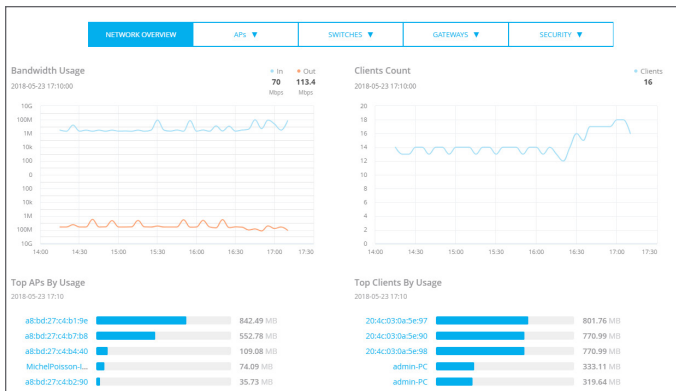
Figure 1: Health and Usage Monitoring

Figure 2: User based Presence Analytics

can easily scale as your business grows – future-proofing your investments.

Aruba Gateways provide integrated WAN services for each branch or remote location. They are optimized for cloud services and hybrid connectivity, and designed to deliver the performance, reliability and security required to support the large number of devices now in the workplace. Built-in WAN optimization, granular visibility and application prioritization ensure the best possible performance for business critical applications.

Management and monitoring – the heart of a cloud-managed network

With Aruba Central, everything from setting up the network to monitoring and maintaining it is effortless. Whether managing one site or a thousand remote locations, one interface that can be accessed from anywhere gives you the visibility and control you need.

Using zero-touch provisioning, IT can directly ship Aruba Instant APs, switches and gateways to remote sites – where anyone can simply unpack, power up and connect them to the network. Configuration is automatically downloaded from Aruba Central – and your network is up and running in minutes.

Once operational, a comprehensive dashboard provides an overview of the network, along with client and application performance monitoring views. Detailed drill-downs help
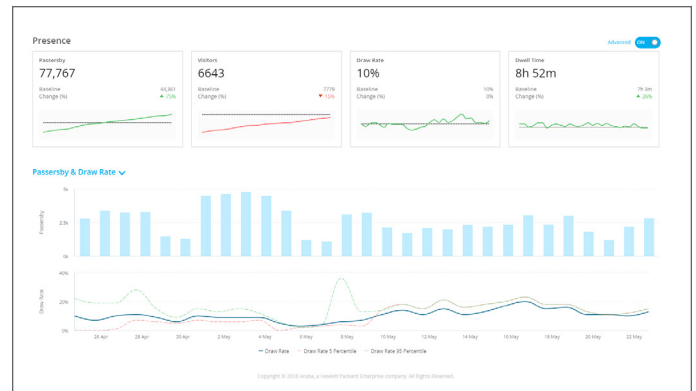
isolate problems and identify rouge devices – ensuring top-notch performance with a few simple clicks.

Simplified monitoring and control of headend and branch gateways through integrated software-defined WAN (SD-WAN) management is also provided. Intelligent workflows provide the ability to look into specific device, policy or circuit configurations to ensure branch performance aligns with business and user expectations.

Also flexible firmware management, configuration templates and role based user policy enforcement makes ongoing network administration fast and efficient.

Value added services and mobile management

Guest Wi-Fi enables branded access for vistors, contractors, or suppliers and is simple and fully customizable. Choose from several registration methods and create mobile-friendly login pages with your logo, custom welcome messages, terms and conditions, backgrounds, colors, and images – or simply choose from existing templates.

Presence analytics utilizes Wi-Fi network data to understand user dwell times and engagement patterns to improve operations. Intelligent merchandising, layout, marketing and staffing decisions can be made as a direct result – thus stretching the value of IT and the network well beyond the initial intention.

Connectivity health provides the proactive monitoring and analysis required to address issues in all phases of the

connection process, including association with access points, network authentication, address assignment and domain name service accessibility.

Key performance indicators are collected and measured to isolate the root cause and impact of device and client delays and failures, with a relative health score assigned to each phase.

In depth analysis and detailed logging is also performed to provide additional insight into cause and effect relationships, thus saving time and resources while resolving problems well before users are impacted.

Lastly, with the Aruba Central Mobile and Installer apps, your network is always at your fingertips. Monitoring your

enterprise, receiving alerts and provisioning an AP, switch or gateway with easy barcode scanning has never been easier.

MAKE A SMART CLOUD INVESTMENT

Designed from the ground up for the cloud, Aruba Central simplifies the management of your distributed enterprise. No appliances and software to maintain, and security that meets today's demanding compliance requirements.

Built-in redundancy with clustering and distribution across data centers world-wide ensures you're always up and running.

Choose between 1, 3 or 5 year subscription options, which includes full technical support for the duration of the term.

Learn more about Aruba's Cloud-Managed Networking.

DEPEND ON CSPI

IT expertise, proven results, flexible approach and service scope is why clients choose CSPi Technology Solutions. Our engineers are experienced in major industries and hold specialized certifications for a variety of technologies, including; networking, wireless & mobility, unified communications & collaboration, data center and advanced security. Our clients benefit with rapid adoption of new technologies and time to market with our robust collection of **Managed IT Services, Professional IT Services and Cloud Services.**

Contact us today, so we can start building a customized security solution around you

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