SOFTWARE-DEFINED BRANCH:

KEEPING UP WITH EVER-EVOLVING NETWORK MANAGEMENT

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The Challenges of Outdated LAN, WLAN, and SD-WAN Technology, WLAN

- Slow implementation
- Network lags and outages
- Security breaches
- Inflated costs
- Inefficient management

With modern technology, thousands of networks can be connected at any given time. However, behind that seemingly flawless connectivity is weeks of planning and hours of management. Getting everything — firewalls, wireless access points, controllers, and more — to work together without fail requires technology expertise and attention to detail.

But even when all of this planning goes smoothly, organizations may experience human errors, firewall breaches, and slow connections. A small mistake can send thousands of devices into the dark, causing productivity and profitability to plummet rapidly.

SYSTEM FAILURE

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Even with all the risks involved, organizations must keep up with ever-changing digital challenges. IT teams need to be prepared for everything that comes with the territory, including network outages and security breaches. SD-WAN, WLAN and LAN have evolving management needs. Cloud-based, software-defined solutions help you keep up with these challenges much better than traditional options.

What Is SD-Branch?

Aruba software-defined branch (SD-Branch) optimizes and simplifies branch experiences, helping organizations manage all aspects of their networks. With best-in-class security and cloud agility, SD-Branch can help you manage your SD-WAN, WLAN, and LAN.

Improve User Experience

Past LAN systems were useful in the sense that they connected computers to each other, but there was little to no tracking of user behavior or device types. Networks now possess the ability to leverage granular user data, which can be extremely helpful when it comes to personalizing user experience and keeping systems secure.

WAN networks also carry the immense benefit of keeping systems up and running, regardless of location. Nothing is more frustrating and damaging to user experience than network outages. To combat this, SD-Branch delivers fast, consistent service to all connected devices and networks, no matter where they are located.

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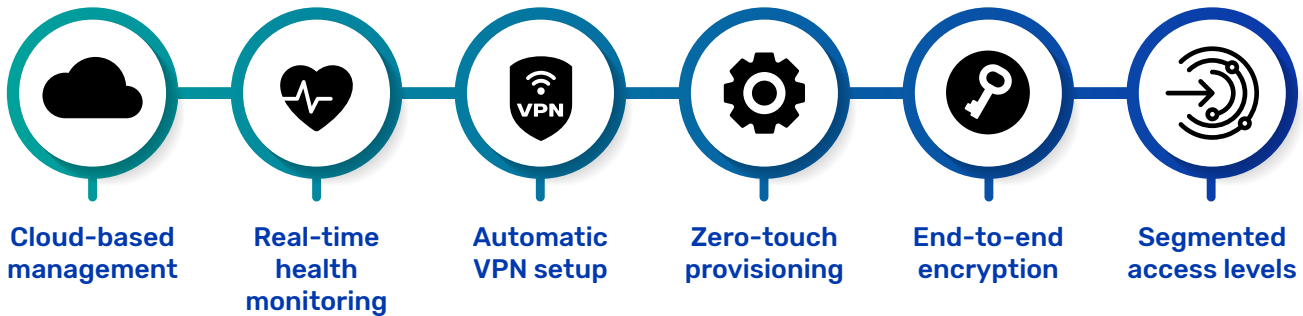
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Simplify Management

SD-Branch offers everything organizations need to manage networks across all branches. Network managers are empowered with the ability to monitor and solve issues remotely, preventing downtime and greatly boosting profitability. SD-Branch gives organizations insight into every inch of their network with real-time analytics and reporting:

Cloud-based management

Real-time health monitoring

Automatic VPN setup

Zero-touch provisioning

End-to-end encryption

Segmented access levels

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Streamline Deployment

Once you have decided on the system you want to install in your branches, and your company has bought off on the idea, it's time for implementation. Years ago, this might have been a week- or even month-long headache, involving driving to locations, organizing onsite contacts, and getting access to systems and headquarters. Currently, many branches rely on third-party installers. This can prevent onsite staff from gaining full system knowledge if the information transfer isn't done correctly.

SD-Branch implementation is built around the cloud, mobile apps, and centralized installation managers. In fact, the entire system can be implemented by anyone capable of operating a smartphone. With technology that can be deployed by internal teams, SD-Branch cuts costs and greatly reduces the complexity associated with implementation. This prevents downtime and wasted time, such as needless hours of driving site to site, ensuring IT teams can focus on projects that matter most to them.

SD-Branch's Cloud-Optimized Deployment Equipment

Aruba Central Install Manager: IT teams can get a jumpstart on implementation before they receive relevant hardware by assigning users to the mobile app This allows organizations to plan ahead to ensure the rollout is free of hiccups.

Aruba Installer Mobile App: Once IT teams receive their equipment, the next step of the installation process is seamless, thanks to the SD-Branch app. Using a mobile device, teams can simply scan equipment barcodes to kick off deployment.

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Improve Network and IoT Functionality

In an age of smartphones and mobile applications, most people expect their experiences with businesses to be just as intuitive and always-on. Positive experiences are dependent on strong, swift network connections and minimal interruptions in service.

SD-Branch simplifies the entire process of networking branches at enterprise scale. Armed with robust connections, branches have what they need to deliver services and keep everything secure. SD-Branch ensures that every aspect of a network gets the priority level it deserves, and organizations have the opportunity to customize their network functionality. For example, a hotel can ensure guests have access to quick Wi-Fi for streaming their favorite shows, while that same network securely runs back-of-house traffic for internal operations.

Traditional IoT security has proven to be inadequate at times. With so much important data constantly transferred across SD-WANs, WLANs, and LANs, IT teams should implement systems focused on IoT security, such as SD-Branch.

IoT Devices Empowered By SD-Branch:

- Mobile payment systems
- Smart devices including tablets and smartphones
- Environmental sensors
- Digital signage
- Surveillance devices

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Cost-Effective and Convenient

It's one thing to recognize the importance of branch security and connectivity, but quite another to finance it. One of the biggest obstacles organizations experience when looking to empower their branch is the cost. Buying hardware, installing software, and implementing changes among an IT team bring many challenges to the surface.

SD-Branch is centered around simplicity. This means making operations easier, faster, and more efficient for IT teams and managers. With cloud-based management, internal remote deployment, and fortified security, organizations can reduce costs for support and maintenance, all while lowering their hardware footprint and power consumption.

About Comport

Comport Consulting works with leading manufacturers, to optimize the performance of SD-WAN, WLAN, and LAN systems. Organizations turn to SD-Branch for open, scalable, and user-friendly software-based solutions. Comport helps customers tackle business challenges by utilizing new technology to streamline the overall branch experience.

Unify policies   **Easily deliver services**   **Prioritize security**   **Reduce costs**

Are you ready to see how SD-Branch solutions can bring scalable growth, simplicity, and security to your organization? Comport specializes in the implementation of WAN and LAN solutions, including SD-Branch. Contact Comport today to get started.

For more information visit **www.comport.com**

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