

JT's MANAGED WI-FI

provides more than just secure high speed
CONNECTIVITY



JT are pleased to announce that we are now offering a fully managed Wi-Fi solution. The new Wi-Fi platform is based on Cisco's Market leading cloud solution and provides access to features such as High Density Wi-Fi, Layer 7 Web-filtering and traffic shaping, Centralized multi-site management via the cloud, BYOD control without the cost or complexity and many other additional features. The most noticeable feature of JT Managed Wi-Fi is the level of security it provides; it prevents abuse of your Network resources and assists with conformity to your security policies. JT Managed Wi-Fi will enable you to see what is happening on your network, who is on it and when. This provides granular vision to administrators enabling user behaviour analysis and trends. **JT Managed Wi-Fi has the ability to provide over-the-air centralized management, diagnostics, and monitoring for the mobile devices managed by your organization.**

Centrally Managed from the Cloud

JT managed Wi-Fi provides powerful and intuitive centralized management via the cloud, while eliminating the cost and complexity of traditional on-site wireless controllers. The JT managed cloud seamlessly manages campus-wide Wi-Fi deployments and distributed multi-site networks providing network-wide visibility and control, cloud-based RF optimization, seamless firmware updates and more.

Control Applications, Users, and Devices

With backup agents adding up to 16% to server overhead for each application, eliminating backup agents dramatically improves the efficiency, reliability and performance of the backup and recovery process. The backup application works by leveraging the protocols, API's methods and functionality that platform, operating system, database and application vendors utilise for managing and remotely accessing their own environments.



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Bring Your Own Device

JT managed Wi-Fi provides everything you need for a secure, reliable, headache-free BYOD network, 100% integrated, without added cost or complexity.

Use integrated Layer 7 client fingerprinting to identify devices and measure their impact. Automatically apply device-specific policies to iOS devices, Androids, PCs, and more. Quickly and easily enable BYOD while maintaining a secure environment, for example by using NAC to require PCs to have antivirus software.

Guest WiFi

Secure, easy to manage guest access is included out-of-the-box – without extra appliances, licenses, or complex configurations. A built-in firewall and DHCP server provide a complete guest solution, enabling secure, Internet-only access that protects your LAN.

JT Managed WiFi with Facebook Login lets guests use check-ins to connect to your WiFi network, enabling additional aggregate and anonymous demographics data Facebook provides about your Page, and bringing built-in endorsement and exposure to your brand.

JT also provides cloud-hosted, customizable splash pages, bandwidth limits, on-the-fly guest logins, and even content filtering, allowing you to customize your guest experience.

Presence Analytics

JT Managed Wi-Fi APs detect probing MAC addresses from associated and non-associated devices. Data is exported in real-time to the JT Managed Wi-Fi cloud, analyzed, and presented in the Managed Wi-Fi dashboard to show metrics such as user connection time, repeat visits, and capture rate.

Presence can be used by retailers, hospitality, and enterprises to understand foot traffic and visitor behavior across sites, and optimize opening hours and staffing policies.

Enterprise Security

JT Managed Wi-Fi provides complete out-of-the-box enterprise class security. Segment wireless users, applications, and devices; secure your network from attacks; and enforce the right policies for each class of users. Utilising a built-in stateful policy firewall, 802.1X/RADIUS support, and native Active Directory integration deliver fine-grained access control, while JT Guest Access Firewall provides secure, Internet-only guest WiFi in just one click.

With built-in features like Network Access Control (NAC) and Air Marshal, a real-time scanning intrusion prevention system (WIPS), JT Managed Wi-Fi enables secure wireless environments without complex setup or systems integration. JT Managed Wi-Fi WLANs are fully HIPAA and PCI compliant.

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High Capacity 802.11n

JT Managed Wi-Fi 802.11n APs provide high capacity wireless in dense, demanding environments. JT Managed Wi-Fi APs are custom-designed for cloud management. Built with enhanced CPU and memory capabilities, JT managed Wi-Fi APs deliver rich services including Layer 7 Application QoS and NAC at the network edge. Industry-leading 3-stream 802.11n MIMO delivers radio rates of up to 900 Mbps, while cloud-based RF optimization with spectrum analysis ensures that JT Managed Wi-Fi APs are automatically tuned for highest performance.

High Performance Mesh Routing

Mesh networking – the ability for APs not wired into the LAN to act as repeaters – is included in every AP. Mesh allows for two powerful use cases: extending coverage to hard to wire areas, and providing a self-healing network that is resilient to cable and switch failures. JT Managed Wi-Fi is based on pioneering high performance mesh routing, with behind-the-scenes technologies such as multi-radio routing and per-flow analysis that makes the mesh faster and more reliable.



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