

# IntelliPlan

## Wireless network strategies that benefit from the lessons learned by early adopters

First generation wireless LANs were designed using the best practices of the time, providing coverage for portable network access and the promise of supporting advanced capabilities like roaming and future applications, such as voice over WLAN, location systems and the enabling of additional business applications for mobility.

But, as attempts are made to enable additional applications over the WLAN, it is becoming increasingly apparent that first-generation Wi-Fi networks fall short of meeting the capacity, density and roaming requirements of advanced technologies, such as voice, and are not well-suited for the interruption-free addition of dual-mode 802.11a capacity, when and where additional capacity is required. These enterprises are now re-engineering their networks to support applications that the original networks fail to sustain.

For early adopters whose WLAN designs have run their course and enterprises now beginning to deploy a Wi-Fi network, IntelliPlan provides a strategic design plan for the implementation of a wireless network that provides a solid foundation for both current and future wireless applications with the lowest total cost of ownership.



### IntelliPlan: A Blueprint for your WLAN

Even if your current objective is to only provide coverage to certain areas, IntelliPlan will allow you to do so with the confidence that you will be able to expand coverage and implement additional applications without re-engineering the legacy portions of your WLAN.

IntelliPlan design services employ a proven methodology based upon unparalleled staff experience in wireless networking. Our staff combines a thorough understanding of the client's current and future conditions and applications, a thorough understanding of standards, security, management, technology and manufacturer offerings, specialized toolsets and experience to deliver a wireless network design that will stand the test of time in meeting your requirements.

### Building block approach

With IntelliPlan, a WLAN can be partially deployed to provide coverage and capacity where necessary and expanded as budgets allow and business requirements grow, with the confidence that existing use and investment will be unaffected and uninterrupted.

### Support future applications

No matter your needs today, experience demonstrates that enterprises adopting Wi-Fi networks continue to enable additional applications, such as wireless telephone, after experiencing the benefits of wireless. With IntelliPlan, you can be assured that your network can expand to accommodate additional applications and future security and network management enhancements at the lowest cost, with no interruption to existing applications.

### Avoid application interruption

A WLAN implemented without regard to supporting future applications will require costly re-engineering and re-installation, leaving users without a network to support their applications. With IntelliPlan, interruptions are avoided when expanding the coverage or capacity of a legacy WLAN or adding capacity through an upgrade to a dual-mode network.

### Dual mode networks for maximum capacity

Even if your enterprise does not currently require the bandwidth provided by a dual-mode 802.11b/g and 802.11a network, an IntelliPlan design can provide a smooth, interruption-free path to increased bandwidth when the need arises.

### IntelliPlan: WLANs with the lowest TCO

Our experience with early adopters of WLANs shows that the cost of re-engineering and modifying a Wi-Fi network that was not designed to support voice or other advanced applications will be extremely expensive, to say nothing of the cost of downtime, lost production and IT staff resources.

With IntelliPlan, enterprises can implement a wireless network that meets their current requirements with the confidence that future requirements can be accommodated at the lowest TCO.

## A Lasting Design Strategy

<u>Capability</u>	<u>IntelliPlan</u>	<u>Typical</u>	<u>Benefit</u>
Increase capacity	Yes	No	Unlike typical WLAN design services, IntelliPlan provides a blueprint for wireless network deployment meeting current needs while also providing a platform for interruption-free capacity and coverage enhancements and enabling of future applications.
Dual-mode capability	Yes	No	
Increase coverage	Yes	No	
Increase density	Yes	No	
Support roaming	Yes	No	
Interruption-free	Yes	No	

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