

Wireless LAN Solutions

At Integrated Architectures, we believe that the perfect WLAN solution is the one that meets the unique requirements of your organization. While there are some basic principles common to all successful wireless installations, the success of your initiative is measured by how it is tailor-fitted to your needs. Our team of business, network and wireless consultants can help you implement a wireless solution that will meet your goals for usability, security, and manageability, thus ensuring value for your investment.

Though we have access to the best and most innovative technologies, we know that technology, by itself, does not guarantee a successful project. The wireless network must be used by the correct users, in the correct ways, to meet your business objectives. Our business consultants will help you work with all relevant groups in your organization to gather, define, and prioritize your requirements according to your desired business objectives.

With clearly defined requirements in hand and your goals in mind, our expert wireless and network engineers will design and deploy the wireless network you need. Our engineers work with industry standards and all the major vendors to tailor a solution to your organization.

There are many important issues facing all wireless deployments. Our team will help you solve them. Some of these issues are listed here.

- What is the total cost of ownership (TCO)? What are the capital expenditures (CAPEX) vs. operational expenditures (OPEX)?
- What user groups will use the network? Do all users need same access levels?
- Will the users be authenticated? Will the client device? How are user credentials stored (LDAP, Active Directory, RADIUS, Kerberos, Certificates)?
- How many users will there be and where are they located?
- What services should be permitted on the network? Do any services need special handling, i.e. quality of service (QOS)?
- What types of clients will be used, i.e. laptops, desktops, PDAs, WiFi phones, etc? What operating systems will be supported?
- Should data be encrypted over-the-air? If so, which option is best (802.1x, WPA, IPSEC, L2TP).
- What kinds of policies and security should be enforced at the interface to the wired network?
- Are there high-availability or failover requirements?

Whether you are a large corporation or a small business, a hospital or a university, a municipality or a coffee shop, let Integrated Architectures fashion a wireless solution to fit your unique requirements. For more information on our wireless solutions, please call us at (508) 533-6765, or email us at sales@iai.com.