If you have not updated your wireless network within the last year and a half, there are significant technology advancements you are missing out on that relate to security and improved user experience. Legacy networks were not designed to keep up with the workforce of today, with average users connecting two or more devices at a time. At Iron Bow, our architects view wireless as a network connection point, a business optimization tool and a marketing facility. Imagine being able to pull and analyze data from your wireless network and then seamlessly adjust the entire network to better meet the realities of your user base. We can help get you there.

Through an assessment oriented approach, we begin by conducting a detailed review of your wireless LAN and technology requirements. Working with your network staff, Iron Bow engineers will carefully walk through your technical requirements, previous and perceived constraints, current processes and policies, deployment strategies and ultimately what your future demands will be. From the assessment we can assist in matching you to the most appropriate technologies on the market to ensure that your next wireless solution is not only future-proofed but also in line with budgetary and financial goals.

**WIRELESS IS PHYSICAL**

The goal of wireless is connectivity wherever you are in an environment. Wireless must conform to the limitations of the physical environment to meet this goal. The type of material used in building construction, how people move and work in a space, even weather patterns have a huge impact on wireless service. Iron Bow’s holistic approach to wireless looks at all of these elements as physical barriers to wireless access.

**WIRELESS ASSESSMENT**

Whether the need is to upgrade wireless technologies or do an initial deployment in a new facility, a wireless assessment can gauge the predictability of access points and coverage gaps. Iron Bow Wireless Assessments confidently determine signal coverage, throughput requirements, interfering sources, dead spots, potential roaming behavior and more. Assessments look at:

- Infrastructure
- Coverage
- Devices
- Security
- Configurations

We can then determine the best design and number of placements, access points for coverage and deployment approach.

**WIRELESS ENABLEMENT**

Meeting access demands should not supersede security demands, but sometimes users simply need to reach out to the Internet, not private networks, to complete their work on mobile devices. Iron Bow has worked with numerous secure facilities to install secure air gap coverage allowing wireless users, be they guests or employees, to access the Internet without ever touching the network.

Prioritizing traffic types or even users ensure both security demands and Quality of Service is being met for everyone. Configurations with an eye toward security provide visibility into who is accessing networks and can allow for tiered access for different users.
IRON BOW IN ACTION
A university campus in a remote area was plagued with poor wireless connectivity. Heavy demand and a weather-related failure meant the school had to act quickly to give students and faculty the online access they needed in 29 buildings and two large science laboratories. Iron Bow implemented a solution that included self-healing access points and central management. With this new configuration the IT team can troubleshoot problems from anywhere on campus ensuring everyone has access to on-campus Wi-Fi.

ABOUT IRON BOW
Iron Bow Technologies provides IT solutions that optimize your work environment. We have built a team of tenured technology and project management experts with access to the most trusted and innovative solutions on the market. Through an unbiased consultative approach, Iron Bow assists you in assessing potential solutions, designing optimal future end-states and acquiring new technologies. We take a holistic view of your IT investments and collaborate with all stakeholders from start to finish, to ensure our solutions are based on your requirements and not manufacturer agendas.

Industry Ranking
• CRN Solution Provider 500, Tech Elite 250 & Managed Services Provider – Managed Security 100 (consecutive years)
• Washington Post Top Workplaces (consecutive years)
• Virginia Business Best Places to Work in Virginia
• Washington Technology Top 100 (consecutive years)

Key Credentials
• ISO 9001:2015 & ISO 27001:2013 Certified
• Strategic Manufacturer Partnerships
• Cisco Gold Partner and Master Certification in Data Center and Hybrid Cloud, Security, Master Cloud and Managed Services Provider, as well as Architecture Specialization in Data Center, Collaboration and Enterprise Networking
• Cisco Americas U.S. East – Commercial Mid-Atlantic Partner of the Year
• Cisco Americas U.S. Public Sector: Architecture Excellence Award

STRONG. Long history of performing assessments to deploy the right wireless solutions for our clients.

FLEXIBLE. Assessments ensure that technology works as promised in your environment.

TARGETED. Get wireless access points exactly where your users need them at first deployment.