The progression of moving analog and manual processes online is nearly complete in most industries. The next step in the digitization wave is making sense of all of the new data being captured by Internet of Things (IoT) devices. Iron Bow Technologies draws on decades of network experience to help clients evolve their systems to accept these new streams of data and turn them into actionable insight. The contextual awareness gained when assets can be tracked the same way as data files, holds incredible promise for more efficient and effective management and mission achievement.
By 2020, an estimated **50 BILLION** devices around the globe will be connected to the Internet.

Digitization has a **proven impact** on **reducing** unemployment, **improving** quality of life, and **boosting** citizens’ access to public services.

SOURCE: strategy+business

SOURCE: strategy+PWC
Solutions

Much like security moved from disparate technology to something built into every technology solution, IoT and digitization will soon no longer be a category of technology but rather something that is inherent in every piece of the IT stack. Many pieces have to work together in order for the data captured from IoT to be actionable. Creating this seamless integration is digitization and it is what Iron Bow does best. As a pioneer in telehealth solutions, we have been working with the concept and early iterations of IoT and have used that experience to ensure that today’s devices work with existing networks and systems in all types of environments and industries.

Sensors and Data Collection

More than just collecting data, you need that data organized in a way that works with your IT infrastructure and employee workflow. Iron Bow ensures that sensors are deployed and managed in a way that the data can be acted on.

Smart Infrastructure

The advertising catch phrase, “you’re only as good as the network you’re on” rings true in the age of IoT. Networks need to be upgraded to support the army of smart devices now connected to them. We help clients use their existing network to manage and monitor the devices that depend on it.

Asset Security

So you’ve deployed sensors and devices, you’re collecting data, but how will you continue to manage your data army? Iron Bow designs systems that follow tagged assets wherever they go ensuring full visibility into the status of critical tools and investments.
DATA CORRELATION AND ANALYTICS

Many organizations get overwhelmed by the amount of data they are able to collect and as a result use only the small percentage that makes sense at face value. Iron Bow solutions normalize, correlate and present all data in a way that can be used. We make data actionable.

SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION)

Smart phones, smart sensors, smart devices...alone they may be “smart,” but networked together they can be brilliant. Implemented correctly, SCADA provides remote access to control modules performing discreet roles no matter the manufacturer. Iron Bow helps ensure the infrastructure is ready to realize this vision. We work with clients to determine storage methods and capacity, security measures, compliance readiness and more to ensure SCADA solutions meet their promise.
SUCCESSFUL OUTCOMES

IRON BOW IN ACTION

Building a Better Simulation

In today’s digitized world, training simulations are more accessible, accepted and realistic than ever. These simulations are critical to ensuring mission readiness while saving time and money. Data from field-deployed sensors can help build a contextual awareness for simulated training. With this real-world data, simulations can be more effectively programmed, removing the need to put expensive equipment at risk for training exercises.

ACCESS CONTROL

Physical security relies on the digital network. Iron Bow has worked extensively to connect the physical and virtual worlds. From switches that know when to turn the lights on to automated temperature control connected to occupancy to multi-layer authentication required for location access to tracking individuals’ movement within a space, we ensure that sensors are delivering the data your team needs to assess building efficiency and security.
KEY PARTNERSHIPS

CISCO Partner
Partner since 1998
Gold Partner

splunk
Partner since 2015
Premier Partner

intel
Partner since 2004
Premium Partner

DELL Technologies

HP

Hewlett Packard Enterprise

NetApp
STRONG.

We know the network and can connect new devices to it in a way that works for end users and administrators alike.

FLEXIBLE.

We look at digitization as network enabling data and things. We’ll make the technology work for you and your systems.

TARGETED.

Designing solutions around critical mission challenges means we’re using the latest technology in a way that is meaningful to day-to-day work.