



Internet of Things (IoT)

Remote Monitoring and Control Solutions

IoT allows Businesses to connect devices, smart machines, wireless networks etc. together to monitor, get real time alert, and control critical operations well before damages and losses. IoT empower businesses to use the massive amount of untapped information, intelligent analytics and predictions which can be used to make smarter decisions.

Industry stakeholders and their current business challenges:

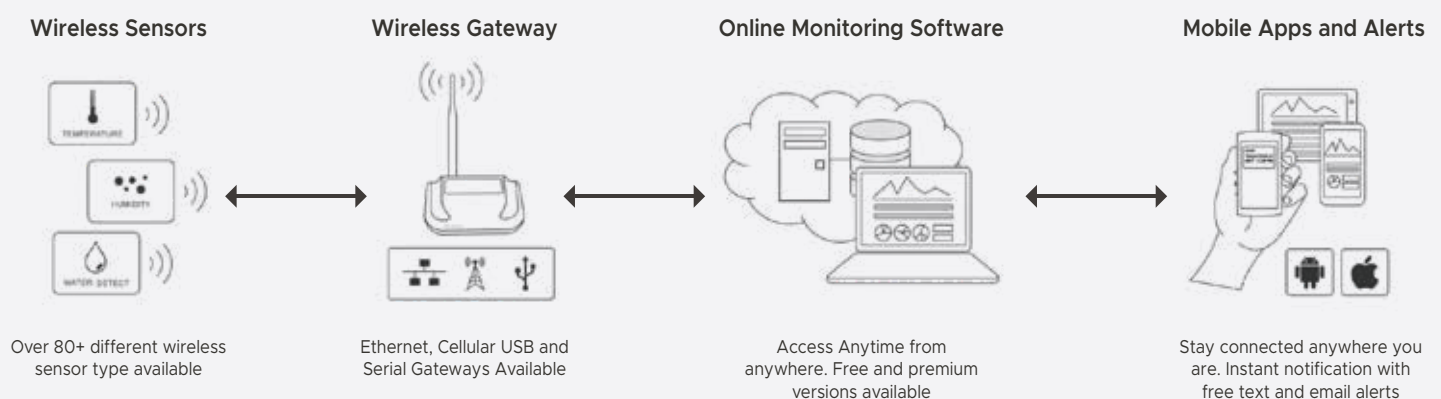
- ◆ Business
 - ◆ Customers
 - ◆ Employees
 - ◆ Owners
 - ◆ Managers
- ◆ Improving operational efficiency
 - ◆ Deriving value from data
 - ◆ Autonomous systems
 - ◆ Process monitoring and control
 - ◆ Information exchange
 - ◆ Data-Driven Decision Making

Why MicroCenter IoT Solutions




How it works

Remote monitoring systems enable “things” to speak. Wireless sensors, gateways and software give a voice to the IoT (Internet of Things) and allow businesses to leverage data, protect resources and save money.




Sensors


There are 80+ sensors under power, motion and environment categories.



Power



Motion




Environment

Wireless Sensors


TEMPERATURE	TEMPERATURE	TEMPERATURE	TEMPERATURE	WATER	WATER	WATER	WATER
DRIVING	DRIVING	DRIVING	DRIVING	DRIVING	DRIVING	DRIVING	DRIVING
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- Over 80+ types available
- 250 -300 ft. device range
- 1-5 + years battery life


See more at www.monnit.com




Industrial Sensors



Coin Cell Battery Sensors



AA Battery Sensors



Wi-Fi Sensors***

Gateways

A gateway is a device that manages communication between sensors and servers.

Wireless Gateways



Ethernet Gateway



Serial MODBUS Gateway



USB Gateway - Best Value -



Cellular Gateway - Most Popular -

- Use up to 100 wireless sensors with one Monnit gateway
- Different versions available
 - Cellular Gateway (CDMA or GSM)
 - Ethernet Gateway
 - USB Gateway
 - Serial MODBUS Gateway
- Cellular gateways are available with 24 hour battery backup
- 250 - 300 ft. device range*

Softwares

IoT software addresses its key areas of networking and action through platforms, embedded systems, partner systems, and middleware. These are responsible for data collection, device integration, real-time analytics, and application and process extension within the IoT network.

- | | |
|-------------------------|---|
| Basic version | Online sensor monitoring and notifications are included with all wireless sensors for FREE. |
| Premiere Version | Advanced sensor monitoring is available with low annual cost |

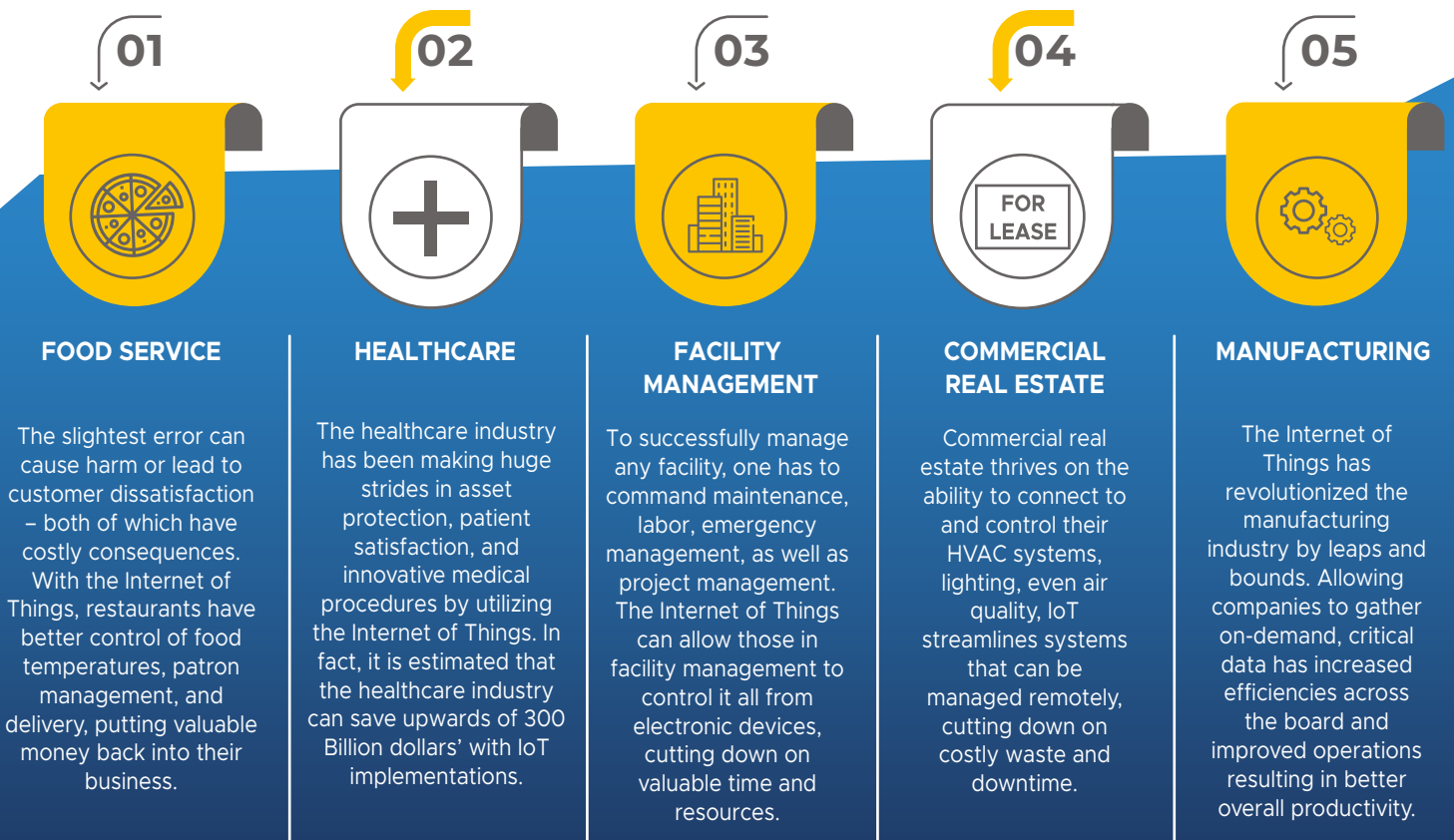
Secured IoT devices & Data

Data is fully secured with SensorPrints™, the end-to-end Internet of Things data authentication platform.

As the Ethernet-based gateway receives sensor data, the gateway “fingerprints” the data with a cryptographic validation stamp. This authenticated data is then transmitted to a cloud broker (or multiple brokers), where it arrives in a standard format. The Edge Gateway’s integrated macros enable data configuration in virtually any format, such as JSON or XML, making it a powerful tool for data analysis and action.



Key Focus Areas



However, our IoT solutions are not limited to above five industries, you name any industry, and we will have a solution.

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