

Enhanced Intelligence for ASHP

Why Monitoring Matters



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What is IoT

“The Internet of Things (IoT) is a system of interrelated computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction.”

What is IoT

The Internet of Things is actually a pretty simple concept, **it means taking all the things in the world and connecting them to the internet.**

McClelland

Calum

IoT Platforms

Wi-Fi



4G



IoT Platforms

Secure Encrypted Connection

Reliable Network

Speed

4G

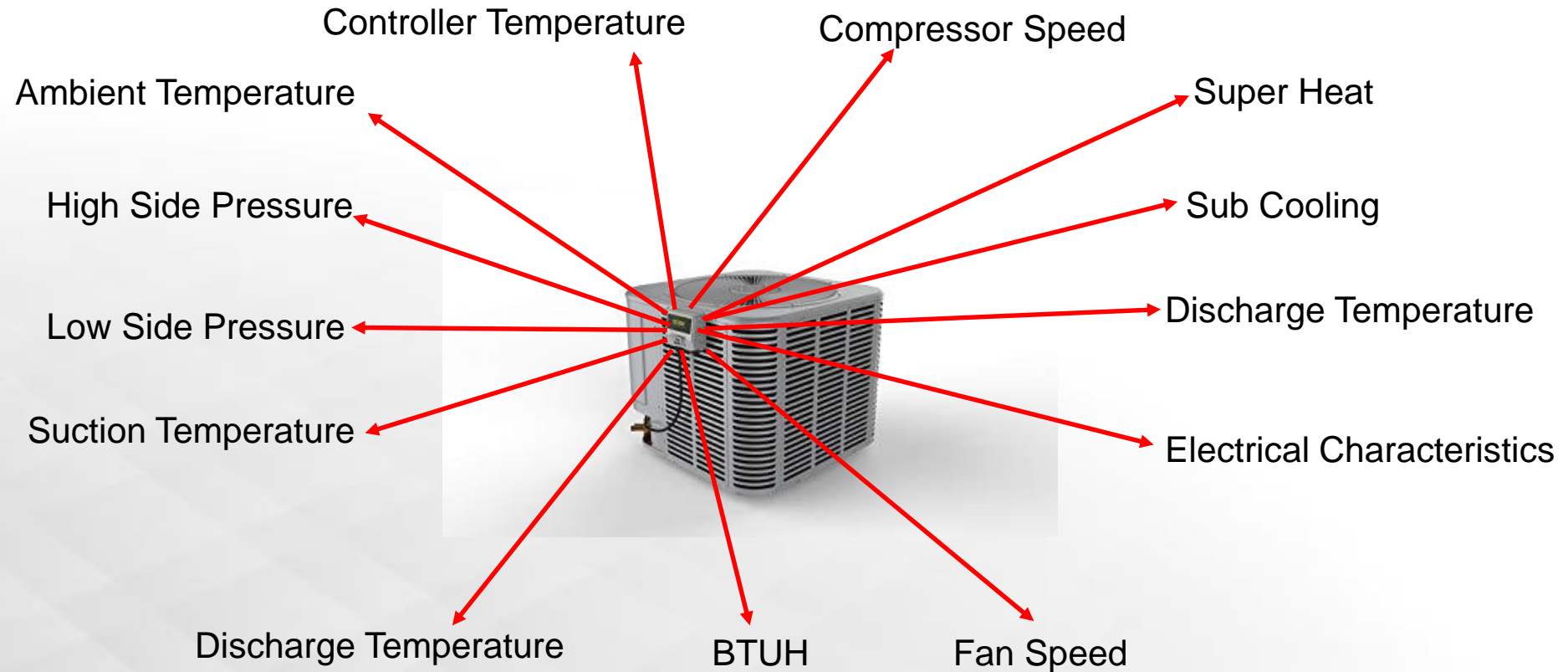


Where does it report

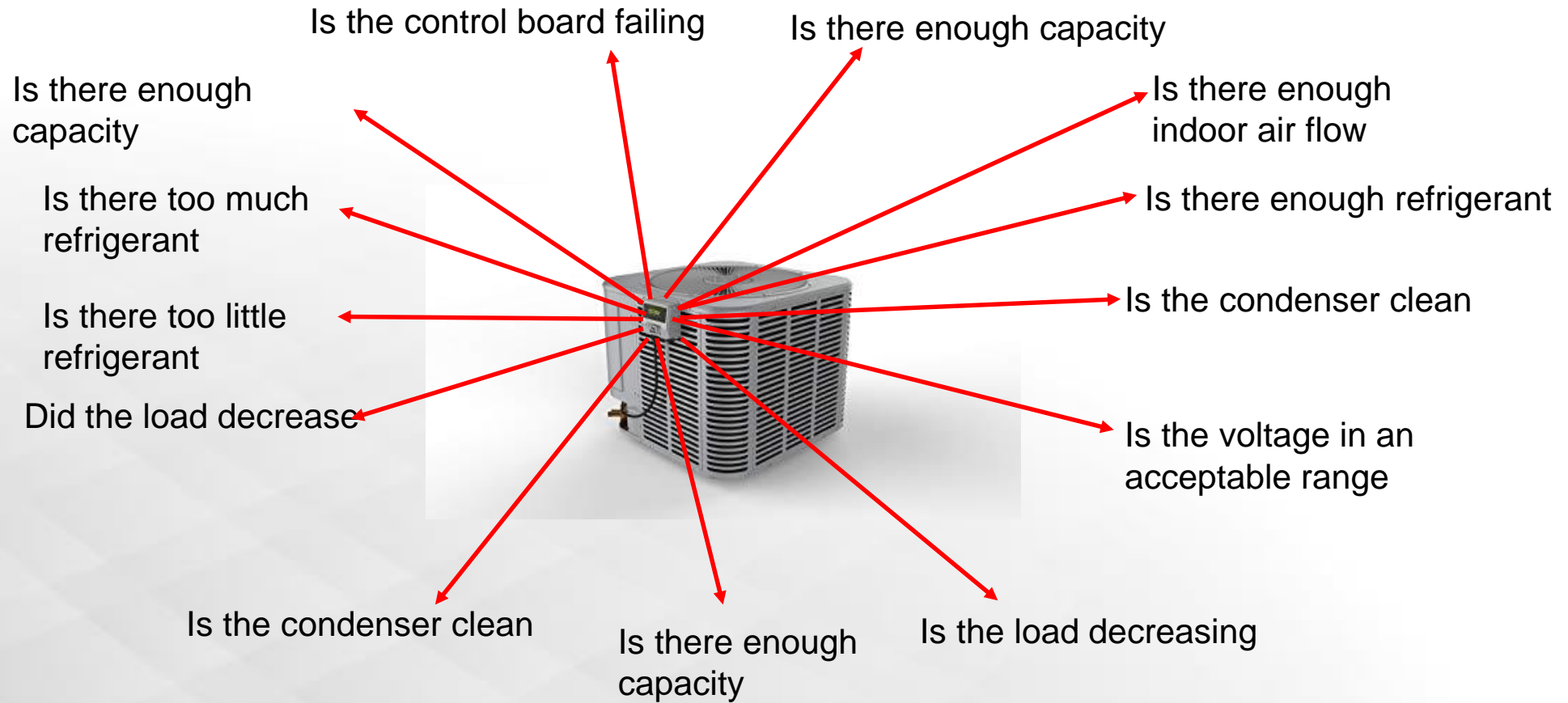
to



What Does it Report



What Does it Mean



Why Does it Matter

Optimum Operation:	Adjusts system to obtain maximum efficiency
Load Matching:	Adjusts system to meet the heating and cooling demand
Interoperability:	Allowing unrelated components to work together

How do we Benefit

Utility Demand Response Program: Allows utilities to control system output

Predictive Fault Analysis: Allows the system to determine when a fault is imminent

Sustainability: Insurers the integrity of the system over it's intended life span

Efficiency

Reliability Maintainability

