

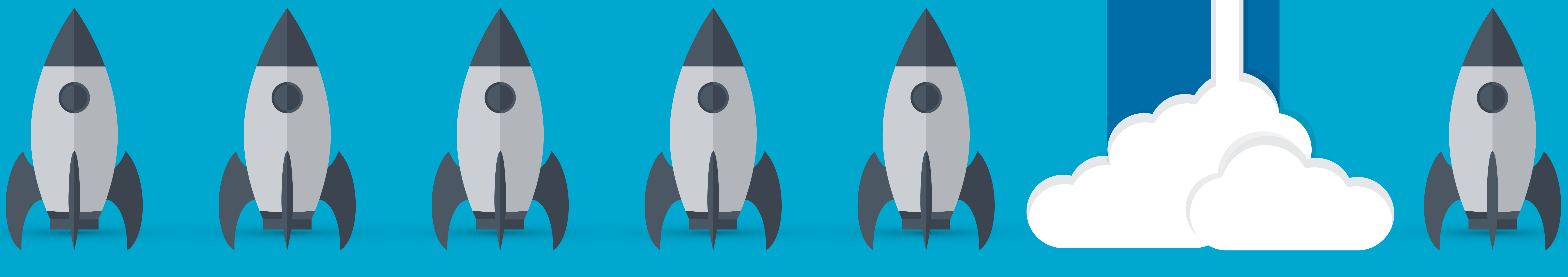
Increase Uptime with Asset Data & Predictive Maintenance

The convergence of big data, mobile, & The Internet of Things is being fueled by physical objects connected to the internet and identifying themselves. For example, refrigeration units & HVAC systems equipped with sensors can help you improve business processes and make smarter decisions, offering the opportunity for better asset management.

Here's how you can get started:

Get a clear understanding of what you want to achieve

What's important from a facilities perspective? Quality, Safety, the customer experience, efficiency, cost savings? review your maintenance practices to find efficiencies, improve processes, & reduce costs.



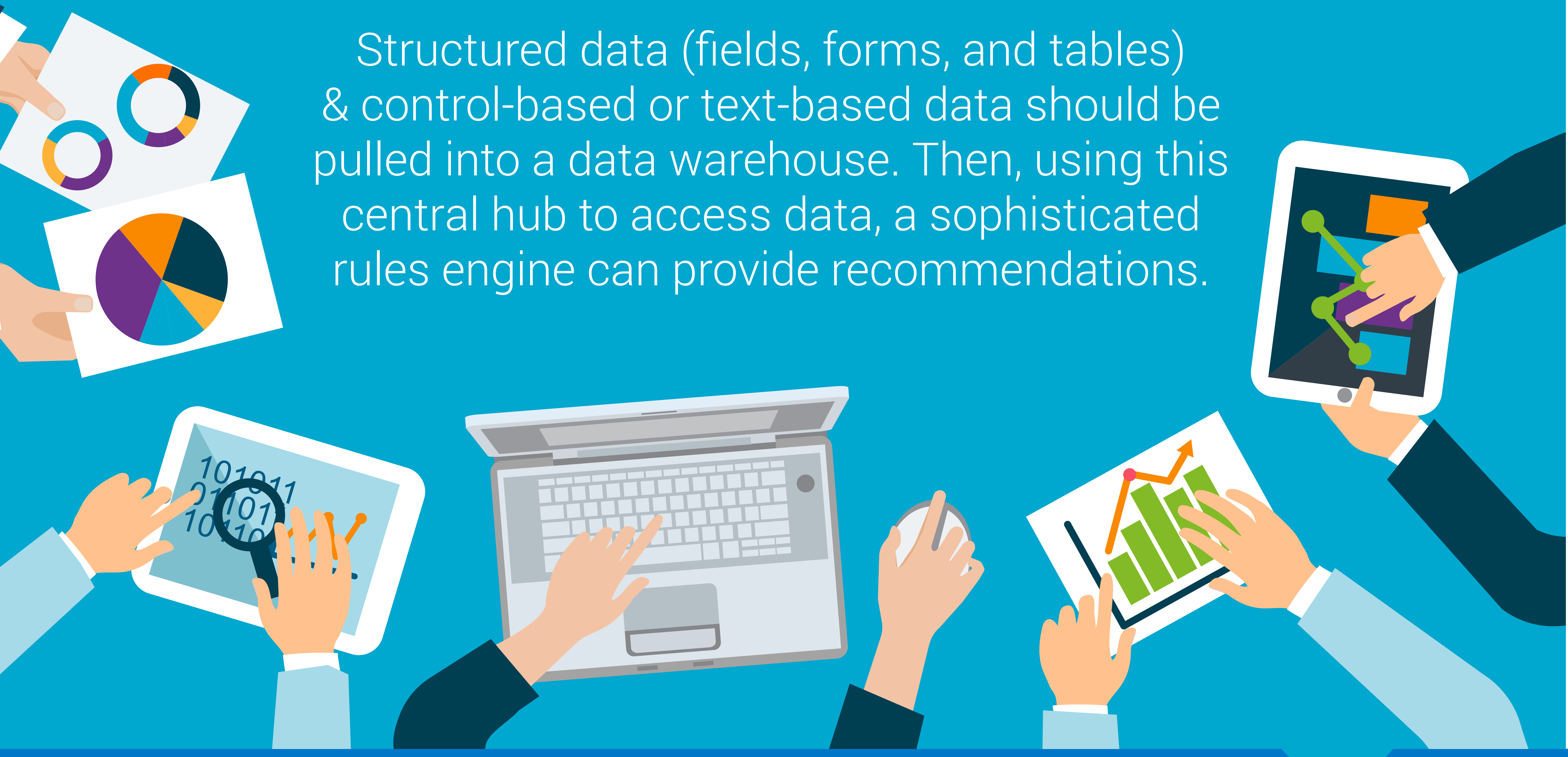
Identify the assets to track.



Analyze how each asset operates, the data available, & how it can be communicated. Determine your most critical assets which should be tagged & tracked in your asset management system.

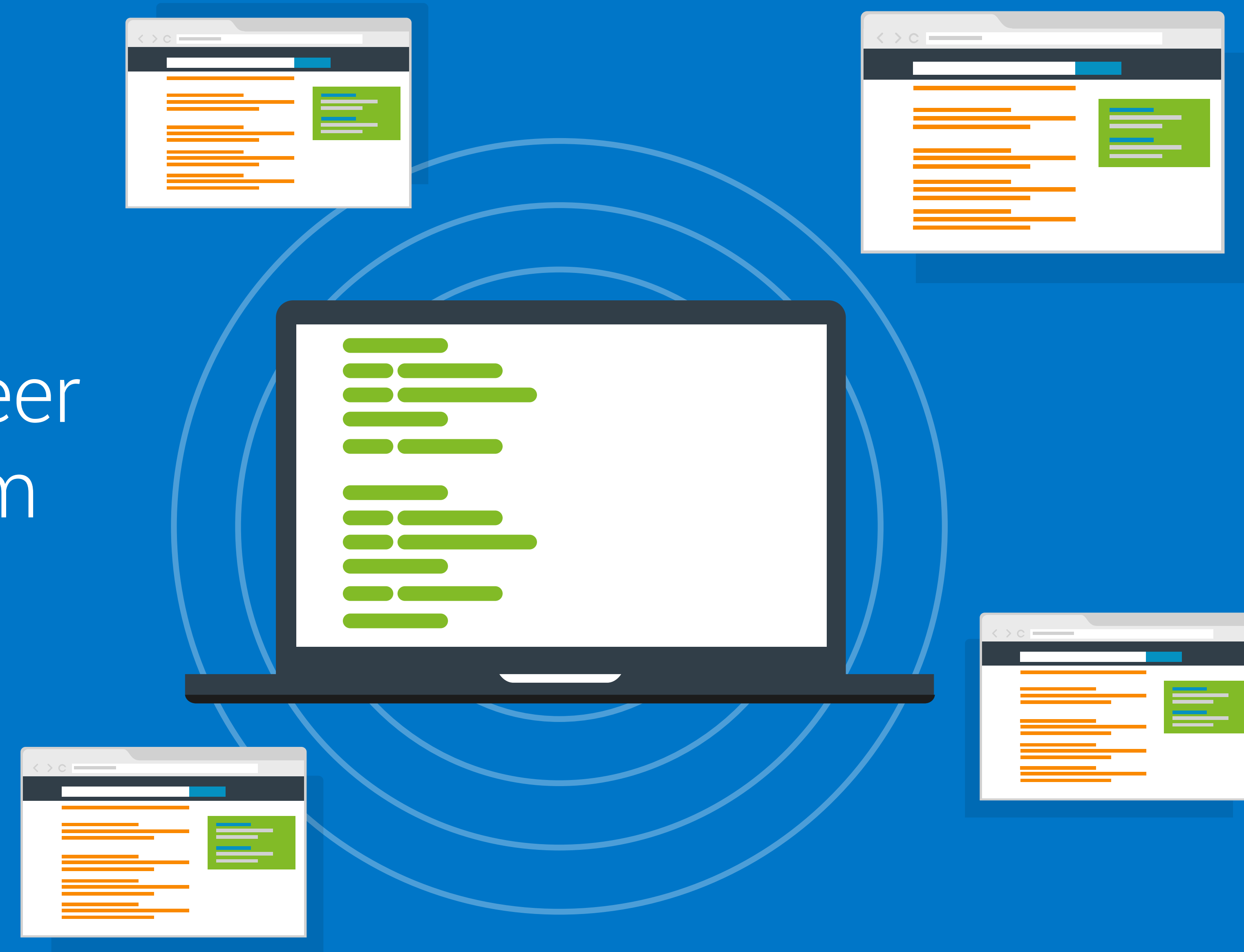
Identify the data elements to collect & correlate.

Structured data (fields, forms, and tables) & control-based or text-based data should be pulled into a data warehouse. Then, using this central hub to access data, a sophisticated rules engine can provide recommendations.



Define & refine the rules.

Leverage & transform intelligence from the data to drive action. Reverse-engineer your maintenance activity (starting from the repair) to understand what went wrong in the first place. This analysis helps to build the rules engine.



Correlate BIG DATA to predict future failure.

Find & correct inefficient equipment that costing you money. With predictive maintenance, you can reduce the volume of alarms, increase equipment uptime, & lower energy consumption. Instead of wasting money on routine maintenance, identify only the equipment at the greatest risk to fail.

