

Optimize Operational Analytics in Healthcare with Azure

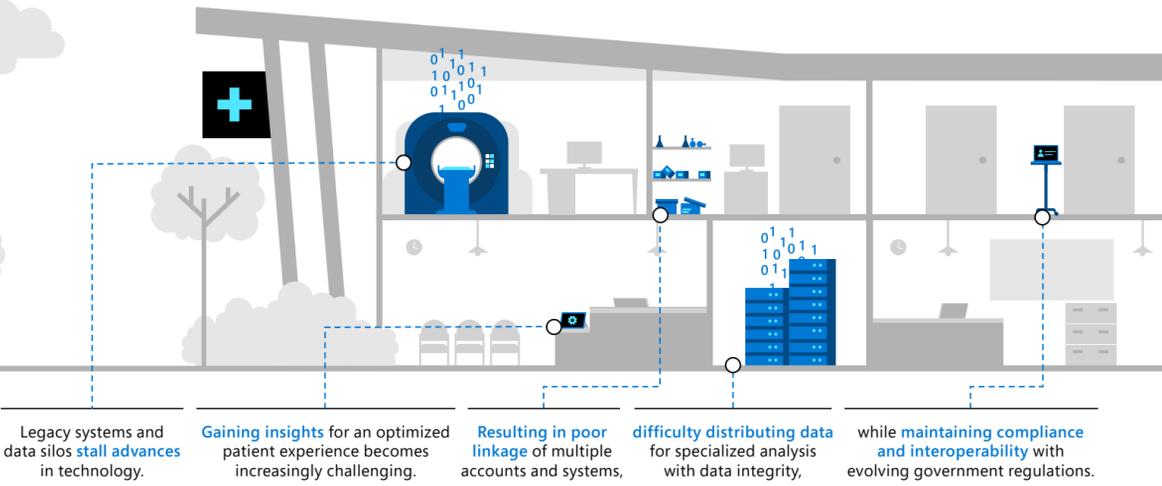
Enable operational agility to reduce costs, increase response time, and optimize use of resources.

The challenge

The health industry is experiencing explosive growth in data from increased use of electronic medical records, new sources of health information, and connected devices.

82%

of healthcare organizations estimate that 50% – 90% of their data is unstructured and inaccessible.



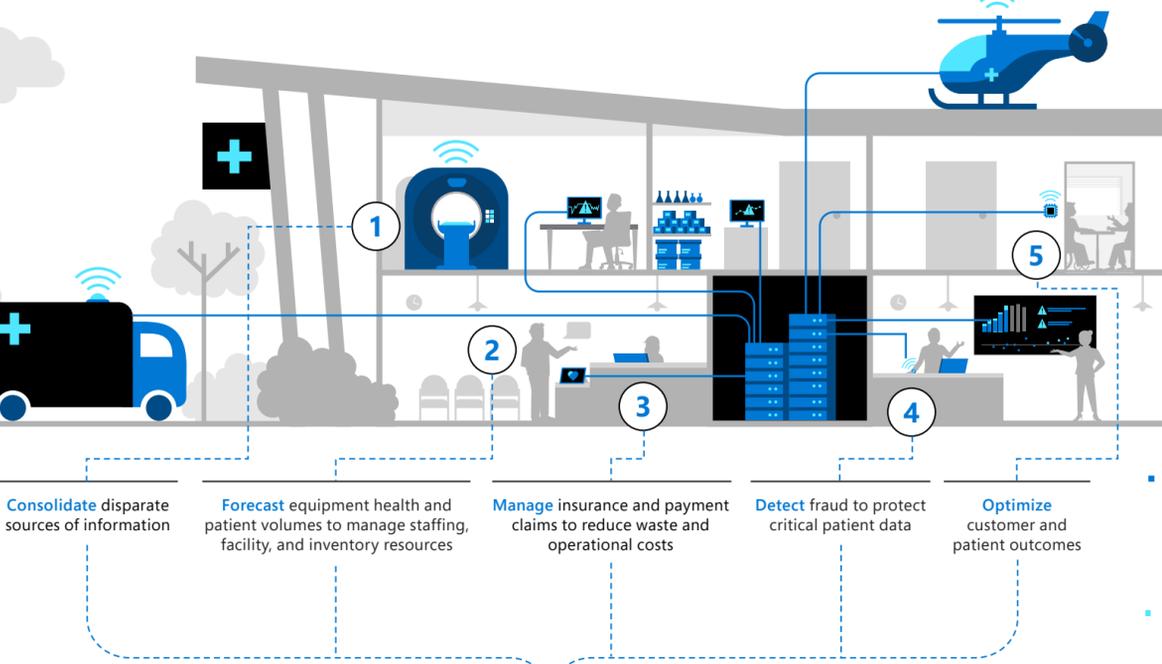
The solution

With Microsoft Azure, operational analytics utilizes data and analytics to improve systems used to provide and manage care processes.



How it works

Prioritize care based on need and optimize expensive resources.



Results

- Use of operational data from equipment facilities, EHRs, and staffing to train predictive models
- Predictive models deployed leveraging care settings to ensure patients achieve the best health outcomes
- Robust platforms for managing complex smart building data and field service
- Clinicians empowered to share information and analyze data to make informed choices
- Increased operational effectiveness to improve care provision, patient experience population health, and reduce costs
- Innovated energy sustainability including Fault Detection and Diagnosis (FDD) and Energy Management and Information Systems (EMIS)

Benefits



Chief Medical Officer/CDO

- Optimize staffing and reduce patient wait times
- Ensure patients receive the care they need when they need it
- Improve the quality of care and healthcare outcomes
- Improve processes, gain efficiencies, and effectively manage resources
- Evaluate and improve management of supply costs

“Flexibility, reliability, and cost efficiency—these, as well as its simplicity and ease of implementation, were the drivers that brought us to Azure.”

-Andriy Romanenko, CIO | Darnista

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