



External IoT Gateway - Technology Landscape

Case Study

Case study: External IoT Gateway - Technology Landscape

Client	Fortune 500 healthcare company headquartered in North America
Industry	Healthcare electronics
Products	Wireless connectivity solution for medical devices

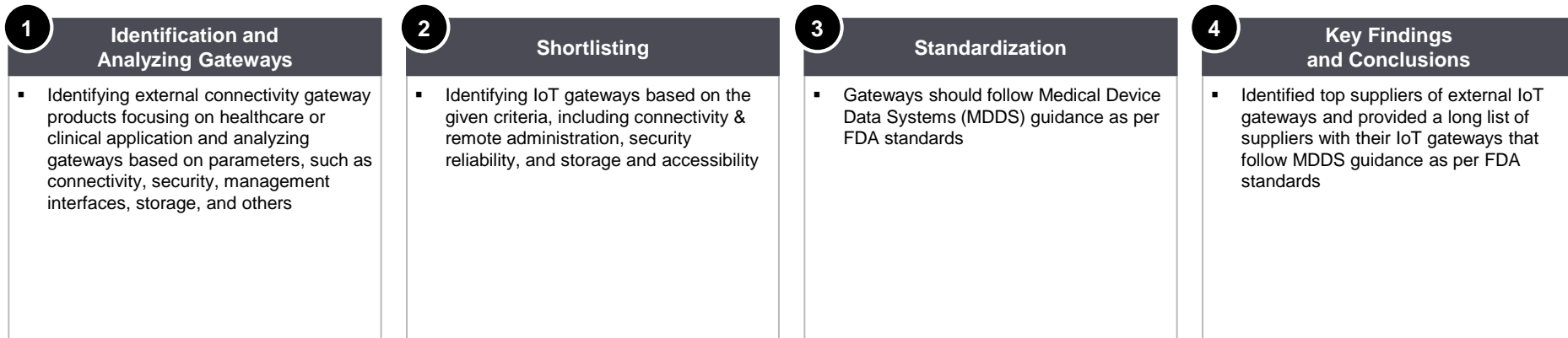
Context

- The client is interested in identifying external connectivity gateways that can be used securely with legacy medical devices. These wireless connectivity solutions need to be designed with Wi-Fi and/or cellular capabilities with the intention of one platform being able to support both, or only one at a time.

Key Business Questions

- Identify external connectivity gateways that can be used securely with legacy medical devices
- Identify IoT gateways based on the given criteria, including connectivity & remote administration, security, reliability, and storage & accessibility
- Adherence to Medical Device Data Systems (MDDS) guidance per FDA standards

Engagement Scope



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Research Methodology

Secondary Research

- Conducted desk research to understand the overall market
- Referred to paid databases and identified patents for IoT gateways connectivity

Primary Research


- 60+ telephonic interviews with manufacturers, distributors, industry experts, retailers, consumers, etc.

Benefits to Client

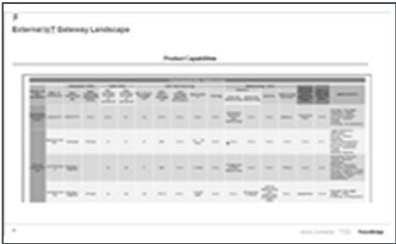
- Detailed profiling of IoT gateways, along with complying certifications/standards as well as specifications, such as connectivity & remote administration, security, reliability, and storage & accessibility
- FutureBridge provided a comprehensive summary of in-house engineering/technology capabilities of companies to solve certain issues
- Client received details inputs related to IoT gateways and recommendations from FutureBridge

Sample Analysis


1 Identification of Gateways and Vendors




2 Shortlisting



3 Standardization



4 Key Findings and Conclusions



Thank you

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