NEXXER

FASTFORWARD FOR AZURE IOT

FROM SCRATCH TO A WORKING AZURE IOT PLATFORM IN 10 WEEKS OR LESS!

OVERVIEW

Clients everywhere recognise the benefits delivered to their customers through the application of IoT, and many already have strategic investments with Microsoft and want to explore Azure IoT use cases to solve key business challenges.

FASTFORWARD FOR AZURE IOT

PROGRAM

Nexer FastForward for Azure IoT is a custom-developed program that takes a service use case from idea to Proof of Concept within three months.

Our experts collaborate with your key stakeholders to Identify promising IoT client use cases, assess their business value, determine the best fit with Azure services and deploy one or more in a Proof of Concept, demonstrating benefits in the field.

"It used to be that you got an alarm that said a device was out of battery and needed to be replaced. Now, a technician can be dispatched before the battery is depleted, and we can combine it with other jobs in the neighbourhood. This helps us to increase operational efficiency, thus optimising service to our customers, and be more sustainable."

- Ulf Eripe, CTO, Anticimex

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AGENDA & DELIVERABLES

Analyse Phase
(1 WEEK)

- Stakeholder interviews & workshop
- Azure architecture & design workshop
- Infrastructure discovery workshop
- Requirements analysis

Implement Phase
(4-8 WEEKS)

- Azure IoT architecture deployment
- Azure application development
- Analytics dashboard development
- Azure device provisioning & security review
- Proof of Concept validation & testing
- Handover of Proof of Concept to client

Assess Phase
(1 WEEK)

- Project outcome review
- Next steps joint planning

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ANALYSIS PHASE - DURATION: 1 WEEK

Stakeholder interviews & workshops

- Explore ideas and aspirations for Azure IoT
- Brainstorm candidate IoT use cases
- Describe use cases and benefits

Infrastructure discovery workshop

- Determine the client's current IT landscape and any constraints

Azure IoT architecture & design workshop

- Includes fit-gap analysis of Azure IoT Central-based implementation

Requirements analysis

- Catalogue, prioritize and agree use cases for Proof of Concept implementation

Nexer roles in Analysis phase

- Workshop Lead (100%)
- Architect (100%)
- Analyst (100%)

Client roles in Analysis phase
Key stakeholders such as:

- Product Owner
- CxO
- IT leadership
- Operations leadership

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IMPLEMENTATION PHASE - DURATION: 4-8 WEEKS

Working closely with the client's Product Owner, using an Agile project approach and progressing in a series of pre-planned sprints, Nexer Insight will create and deploy one or more Azure IoT use cases prioritized during the Analysis Phase as a Proof of Concept solution.

Deliverables may include:

- Azure IoT architecture
- Azure application design and development
- IoT Central and/or Power BI dashboards
- Device provisioning and security review
- Integration of third-party systems
- Deployed IoT Proof of Concept solution
- Handover and education

Nexer roles during Implementation phase, part-time

- Project Manager
- Architect
- Developer
- Analyst
- Hardware Integration

Client roles during Implementation phase, part-time

- Product Owner
- Project Coordinator
- IT
- Operations

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ASSESSMENT PHASE - DURATION: 1 WEEK

Working closely with the Product Owner the outcome of the IoT Proof of Concept is assessed and evaluated against the expected business value in a final report, which is presented to client stakeholders. Additional feedback sessions can be arranged to present to a wider audience within the client as required.

Outcome:

- Assessment of Proof of Concept against agreed business expectations
- Presentation(s) to key stakeholders
- Next steps joint planning

Nexer roles during Assessment phase, part-time

- Project Manager
- Architect
- Analyst

Client roles during Assessment phase, part-time

- Product Owner
- Project Coordinator
- IT
- Operations

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RESULTS

The result is a cloud-based platform solution with intelligent edge-to-cloud technologies and built-in security, privacy, and compliance. Azure IoT drives the transformation to achieve desired business outcomes by building intelligent environments that allow you to connect, monitor, automate, and model devices and applications.

- ✓ Solve industry-specific business challenges with scenario-focused, edge-to-cloud technology solutions
- ✓ Connect, monitor, and manage edge devices on a fully managed application platform or build more flexible solutions using robust platform services
- ✓ Offer stakeholders a unique experience with data tailored to their requirements
- ✓ Securely connect, provision, manage, update, and monitor any edge device's lifecycle with a comprehensive device management platform
- ✓ Improve productivity, reduce costs, and improve operational efficiencies by delivering data-driven action in near real-time for latency-sensitive applications and unique use cases

A number of Azure IoT projects have been successfully implemented for clients including Anticimex, 24Storage and Boliden, Nexer FastForward is a practical and proven way for clients to realise the potential of Azure IoT.

CLIENT REFERENCE

ANTICIMEX - CONNECTED PEST CONTROL

- International pest control company, Anticimex, was struggling with a legacy platform for its sensor-controlled ”smart trap” system
- Nexer build an entirely new platform on Microsoft Azure IoT Hub, and reengineered the smart traps themselves
- Insights on pest behaviour are helping Anticimex form new business models and provide data driven advice to clients based on deep local knowledge
- Nexer Video Case Study
- Microsoft Case Study

CLIENT REFERENCE

BOLIDEN - SUSTAINABLE MINING

- Keeping humanity supplied with the metals can be a dangerous business, Boliden wanted to make it safer and more sustainable
- Nexer created a Computer Vision solution based on hybrid Azure IoT to help prevent discharges of contaminated water into the environment
- Convinced by the value of Azure IoT and Computer Vision, Boliden is extending it to secure other operations
- Microsoft case study

CLIENT REFERENCE

24STORAGE - REMOTE OPERATION

- Self-storage provider 24Storage wanted to streamline and grow its storage business at 23 locations using digital technology
- Nexer created an IoT Central-based Smart Buildings solution to better manage each storage site
- Azure IoT ensures high standards across facilities, and will save money
- Microsoft Case Study

ABOUT NEXER INSIGHT

Gold Microsoft Partner

Microsoft

Nexer Insight, a part of Nexer Group, specialise in the power of Microsoft Azure IoT to rapidly deliver practical solutions for clients, improving the experience of customers and employees while reducing costs.

As exclusive members of the Microsoft IoT Elite Program and Advanced Specialization certification in AI and Machine Learning, we meet our client's transformation needs, from strategy to concept, development, and operation.

Nexer Group is a global company with a Swedish heritage of entrepreneurship and innovation. Nexer has 2,300 employees in 15 countries focused on delivering business transformation through strategy, technology, and communication.

TO SPEAK TO A NEXER INSIGHT
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