PRODIGY

10 Ways to Fast-Track Your IoT Pilot

The journey to a successful IoT pilot can be challenging, but a structured, fast-tracked approach minimizes obstacles and accelerates progress. By partnering with a product development company like Prodigy, you can leverage expert guidance, optimize resources, and ensure robust and secure implementation for rapid results.

1 DEFINE THE BUSINESS CASE WITH A 30-60-90 DAY APPROACH

Break down the pilot into phases: initial testing (30 days), adjustment and improvement (60 days), and final validation (90 days). Focus on proving the business case with clear, measurable goals.

Organizations adopting IoT pilots see a ***35% faster time-to-market*** with structured phased approaches. (Source: Hitachi Solutions)

Source: Hitachi Solutions

2 DETERMINE DATA COLLECTION NEEDS AND CAPABILITIES

Identify essential data types like sensor readings for temperature, humidity, and usage times. Data collection can be pushed to your Asset Management or CMMS platform. This real-time data empowers predictive maintenance, reducing downtime, and offering operator insights.

Predictive maintenance enabled by IoT *reduces equipment downtime by up to **50%** and increases asset life by **20-40%.***

Source: Deloitte

3 PLAN FOR SCALABLE AND RETRO-FITTABLE PROTOTYPES

Design the pilot to work with existing infrastructure where possible. This “retrofit” approach minimizes costs and streamlines the transition from prototype to a commercial product.

4 ENSURE DATA SECURITY FROM THE GROUND UP

Integrate secure, trusted platforms like AWS, Azure, or Google Cloud for data capture and storage, focusing on robust cybersecurity measures.

93% *of IoT adopters consider cybersecurity a top priority*

Source: ResearchGate

5 INCORPORATING AI AND MACHINE LEARNING EARLY

Integrating AI-powered insights from the start maximizes the pilot’s future potential. Early data collection is critical to support forward-thinking AI and machine learning capabilities.

AI-enabled IoT systems *improve decision-making efficiency by **60%*** compared to traditional IoT systems.

Source: Forbes Tech Council

6 ENGAGE CUSTOMERS FOR REAL-TIME FEEDBACK

Customer insights are invaluable during the pilot phase. Gauge user reactions and refine the solution based on real-world interactions.

47% ↑ *IoT pilots incorporating user feedback during development see a 47% higher adoption rate post-launch.*

Source: IET Research

7 LEVERAGE IOT EDGE COMPUTING

Use edge devices to process data locally for faster response times, reducing latency and bandwidth costs while enabling immediate insights and actions.

30% ↓ Using edge computing reduces data processing costs by 30%

8 ACCELERATE WITH EXPERT PARNTERSHIPS

Collaborate with experienced partners like Prodigy. A skilled team brings deep industry knowledge, access to proven processes, and a clear roadmap for scaling IoT pilots effectively.

Partnered IoT pilots achieve up to ***45% faster** implementation times and **reduce failure rates by 30%.***

Source: Symmetry Electronics

9 SHOWCASE USE CASES FOR CONFIDENCE

Could you highlight industry case studies that are relatable to your business? Use cases from healthcare, manufacturing, and utilities, to demonstrate success stories and build stakeholder confidence.

10 CREATE A SENSE OF URGENCY

Early adoption is imperative to stay ahead of the competition. The IoT landscape moves fast, and delays can mean missing out on key insights and operational efficiencies.

Working with product development experts like Prodigy helps organizations reduce risks, streamline the pilot phase, and position themselves for a successful IoT rollout. A partner-led approach can make all the difference in accelerating your IoT journey and capturing real value sooner.