ROBOFIX Pitch Deck Outline

Slide 1: Company Name

- **ROBOFIX: Autonomous Industrial Reliability**
- Revolutionizing equipment maintenance with AI-powered, self-healing technology that guarantees continuous uptime and operational efficiency.

Slide 2: Problem

- **Costly Downtime:** Industrial equipment failure leads to an estimated $50 billion in annual losses globally. Downtime severely impacts productivity and customer satisfaction.
- **Reactive Maintenance:** Most industries rely on reactive or scheduled maintenance, which is inefficient, costly, and often too late.
- **Unpredictable Failures:** Despite advancements, industries still lack predictive, proactive solutions to prevent equipment breakdowns entirely.
- **Labor-Intensive Repairs:** Manual repair processes are slow, error-prone, and expensive, causing delays and inefficiencies.

Slide 3: Solution

- **ROBOFIX: AI-Powered Self-Healing Machines**
    - AI and IoT-based system that **detects faults before they occur**, recommends precise repairs, and **automates the repair process** when possible.
    - **Predictive Maintenance** to anticipate equipment failures and proactively schedule interventions.
    - **Remote Monitoring & Control** allows technicians to oversee and intervene in the repair process in real-time.
    - **Usage-Based Pricing** ensures customers only pay for operational uptime and self-repair services.

Slide 4: Benefits

- **Zero Downtime Operations:** By detecting faults early and automating repairs, ROBOFIX ensures uninterrupted operations.
- **Cost Savings:** Significantly reduce the need for manual intervention, labor costs, and unplanned equipment repairs.

- **Optimized Maintenance Schedules:** Leverage AI to create predictive maintenance that prevents failures before they disrupt operations.
- **Scalable Across Industries:** Adaptable to manufacturing, energy, healthcare, logistics, and more.
- **Data-Driven Insights:** Continuous monitoring provides actionable insights for improved equipment performance and reliability.

Slide 5: Assumptions & Validation Roadmap

- **Assumptions:**
    - Industries need a scalable, reliable way to prevent equipment downtime.
    - Customers are willing to adopt new AI-powered technology if it delivers tangible cost savings and reliability.
    - Manual self-repair (Concierge MVP) will demonstrate core value, building the case for automation.
- **Validation Roadmap:**
    - **Concierge MVP (Q1):** Manual self-repair service for a small set of pilot customers to validate fault detection, recommendations, and pricing model.
    - **Pilot Feedback (Q2):** Gather data on system effectiveness, customer satisfaction, and pain points.
    - **Wizard of Oz MVP (Q3):** Simulate automated repairs to further test customer reactions without full AI functionality.
    - **Full Prototype (Q4):** Develop a fully autonomous system, integrating predictive maintenance and self-repair capabilities based on customer feedback.

Slide 6: What Makes Us Special

- **AI-Driven Predictive and Self-Healing Technology:** We don’t just predict failures, we enable machines to autonomously correct them.
- **Scalable Across Verticals:** Whether in manufacturing, energy, or healthcare, our solution adapts to diverse industries with complex maintenance needs.
- **Data-Backed Repairs:** Our machine learning algorithms evolve with every repair, continuously improving fault detection and repair precision.
- **First-Mover Advantage:** While predictive maintenance exists, **no solution currently offers self-healing capabilities at scale**.

Slide 7: Business Model

- **Usage-Based Pricing Model:** Customers pay for equipment uptime and services consumed.

    - Charge per **hour of uptime** + **self-repair event**.
    - Subscription model for **predictive maintenance insights** and **real-time monitoring**.
- **Tiered Service Levels:**
    - **Basic Tier:** Fault detection and predictive maintenance insights.
    - **Premium Tier:** Full autonomous self-repair capabilities with 24/7 remote monitoring.
- **Additional Revenue Streams:**
    - **Data Services:** Selling performance insights and maintenance predictions to manufacturers.
    - **Partner Ecosystem:** Offering integration opportunities for third-party IoT and AI developers.

Slide 8: Market

- **Global Predictive Maintenance Market Size:** Valued at $5.2 billion in 2020, projected to reach $23.5 billion by 2027, growing at a CAGR of 27%+.
- **Target Verticals:**
    - **Manufacturing:** 40% of downtime in factories is due to equipment failure, with billions in potential savings.
    - **Energy:** Downtime in the energy sector can cost $84,000 per hour, creating a strong incentive for autonomous repairs.
    - **Healthcare:** Medical equipment failures can be catastrophic; predictive self-healing systems offer life-saving reliability.
- **Total Addressable Market (TAM):** $40+ billion across key verticals including manufacturing, energy, and logistics.

Slide 9: Sponsorship Ask

- **Sponsorship Request: $2M**
    - **Purpose:**
        - To complete development of the full autonomous prototype (self-healing and predictive AI).
        - Fund initial pilot programs in three key industries (manufacturing, energy, healthcare).
        - Invest in the necessary infrastructure for scalable remote monitoring and customer support.
    - **Use of Funds:**
        - **40% Product Development:** Enhancing AI models, integrating IoT sensors, and building the automated repair system.

- **30% Pilot Testing & Customer Acquisition:** Running Concierge MVP and Wizard of Oz simulations with real-world customers.
- **20% Infrastructure & Cloud Services:** Developing robust remote monitoring and control systems.
- **10% Team Expansion:** Hiring AI engineers, IoT specialists, and customer success teams.

This structured, data-driven approach positions ROBOFIX as a highly innovative solution with significant market potential and strong customer value.