

Business Model Canvas

Key Partnerships <ul style="list-style-type: none">- Metro Rail Authorities- Sensor Manufacturers- Software Development Firms- Data Analytics Companies- Telecommunication Providers- Maintenance Service Providers	Key Activities <ul style="list-style-type: none">- Develop Structural Health Monitoring Sensors- Integrate Sensors with Metro Rail Infrastructure- Design and Develop Dashboard Interface- AI-Based Data Analysis and Issue Detection- Real-Time Data Transmission and Processing- User Training and Support- System Maintenance and Upgrades	Value Propositions <ul style="list-style-type: none">- Real-time Monitoring of Structural Integrity- Early Detection of Potential Failures- Reduced Maintenance Costs- Increased Safety for Passengers- Accurate Data-Driven Decision Making- User-Friendly Dashboard Interface- Customizable Alerts and Notifications	Customer Relationships <ul style="list-style-type: none">- Dedicated Account Managers- 24/7 Technical Support- Regular System Updates and Upgrades- User Training Programs- Feedback Mechanisms for Continuous Improvement	Customer Segments <ul style="list-style-type: none">- Metro Rail Operators- Public Transportation Authorities- Urban Infrastructure Planners- Safety and Compliance Officers- Maintenance Teams
	Key Resources <ul style="list-style-type: none">- Structural Health Monitoring Sensors- Data Analytics Software- Cloud Storage Solutions- User Interface Developers- AI and Machine Learning Experts- Telecommunication Infrastructure		Channels <ul style="list-style-type: none">- Direct Sales Team- Online Marketing and Sales- Industry Conferences and Trade Shows- Collaborative Partnerships with Rail Authorities- Webinars and Online Demonstrations	
Cost Structure <ul style="list-style-type: none">- Research and Development- Manufacturing and Procurement of Sensors- Software Development Costs- Cloud Storage and Processing Fees- Marketing and Sales Expenses- Customer Support and Maintenance- Subscription Fees for Communication Channels			Revenue Streams <ul style="list-style-type: none">- Subscription Fees for Dashboard Access- One-Time Sales of Monitoring Equipment- Annual Maintenance Contracts- Premium Support Services- Data Analytics and Reporting Fees- Customization and Integration Services	