The Red Sea Development Company Launches The First Internet of Things Mega Project to accelerate Project Implementation and Workforce Safety

**KEY BENEFITS**

- Connected Construction Sites with first in Saudi LoRaWAN network coverage over 3,500 sq km
- Nationally developed State-of-art IoT Platform to provide real-time 360 view of near 40,000 Workforce and assets in the interactive map.
- Centralized operation Management for resources-readiness and Workforce safety compliance.
- The Provided coverage will scale the IoT Technology Development in the west coast towards more intelligent and humane Cities.

**KEY FIGURES**

- LoRaWAN network coverage over 3,500 sq km
- IoT Platform fully-developed and hosted in Saudi Arabia
- Over 37,000 worker
- 3000 vehicle
MachinesTalk Overview

Saudi National Company

13+ Years
1st IoT VNO
30+ Intl. Partners
320 EMPLOYEES
3 Main Offices
8 Support Hubs
Machinestalk PLATFORM FRAMEWORK

- **Cities & Facilities**
- **Transportation**

- **Machinestalk IoT Platform**
  - **SMART TRANSPORTATION**
  - **SMART CITIES**
  - **SMART BUILDINGS**
  - **CONNECTIVITY ENABLEMENT**
  - **THINGSTALK® IoT CORE**
  - **DATA ANALYTICS AND VISUALIZATION**
  - **Security**

- **Connectivity Options**
  - OPC-UA
  - GSM
  - TCP/IP
  - LoRa
  - Wireless
  - NB-IoT

- **Platforms**
  - ERP
  - CRM
  - CUSTOM
  - LEGACY
  - DATABASES

- **Applications**
  - Command & Control
  - Digital Signage
  - Mobile & Web Application

- **Protocols**
  - GSM
  - TCP/IP
  - LoRa
  - NB-IoT
  - OPC-UA
MachinesTalk Smart Cities

- Smart City:
  - Smart cities operations management platform
  - Waste management
  - Smart parking
  - Smart metering
  - Smart security

NEOM Smart City Brain Platform

- 40K+ Connected Assets
  - Smart Cities Operations Management Platform

- 3.5k+ Connected Assets
  - Smart Cities Waste Management Platform

Sample customers
MachinesTalk Smart Buildings

Smart Buildings:
- Energy Saving
- Assets Tracking
- Environmental Monitoring
- Visitors Management
- Integrate Multiple Systems

Sample customers

375K+ Connected Points
20 disparate sub-systems
19 buildings

29K+ Connected Points
34% Average Energy Saving

1000+ Connected Points
Visitor Management

57 Main Entrances
Wiqaa platform and thermal cameras
MachinesTalk Smart Transportation

- Fleet Management Service
- Car-Sharing Service
- Cold Chain Management
- Fuel Level Monitoring

Sample customers

100K+ Connected Assets
Thank You