

# Smart Mining Operations

**Greenoj is committed to shaping a smarter & sustainable future through advanced technology, innovative solutions, and expertise.**

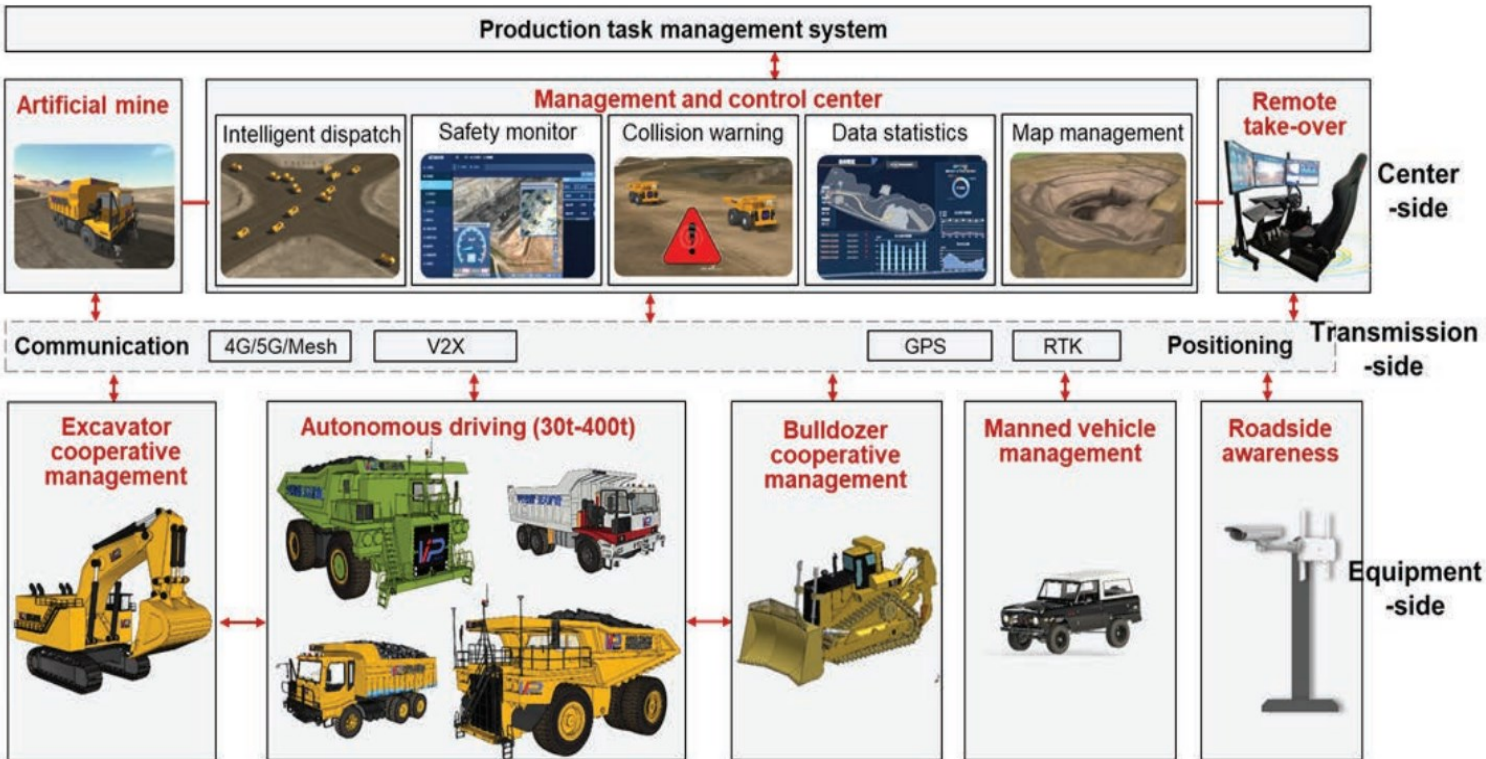


# MineGuard : Safety Monitoring and Compliance

- MineGuard leverages open-source IoT and AI technologies to ensure real-time safety monitoring and compliance in mining operations.
- Integrates sensor data, AI analytics, & advanced alert systems to enhance worker safety, ensure regulatory compliance, and reduce accidents.
- Enhances worker safety and ensure regulatory compliance by providing real-time monitoring and predictive analytics.
- Prevents accidents and reduce safety-related incidents.



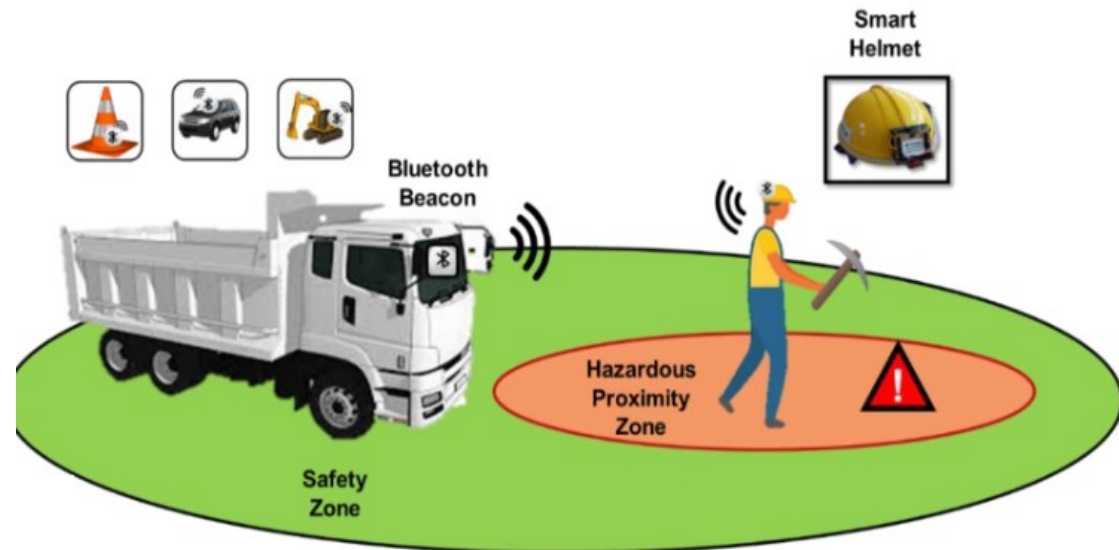
# MineGuard : Solution



- **Real-Time Safety Monitoring:** Uses IoT platforms like ThingsBoard to monitor environmental conditions and equipment status.
- **Predictive Analytics:** Employs AI algorithms from TensorFlow to predict safety hazards.
- **Regulatory Compliance:** Ensures compliance with safety standards through continuous monitoring and real-time alerts.
- **Incident Reporting:** Provides automated reporting of incidents using ELK Stack (Elasticsearch, Logstash, Kibana).

# MineGuard : Business Value

- **Enhanced Safety:** Reduces workplace accidents by up to 30%.
- **Regulatory Compliance:** Ensures adherence to safety regulations, reducing non-compliance penalties.
- **Real-Time Insights:** Provides actionable insights for improving safety protocols and preventing hazards.



# Thank You

Building Sustainable Digital Enterprises

