GET TRAKKA™

CR DIGITAL
TECHNOLOGY DEFINING PRODUCTIVITY

The superior Ground Engaging Tool loss detection system.

GET Trakka™ was created through extensive research, collaboration and testing with mine sites. It provides the ultimate solution to detecting broken and lost G.E.T. in real-time to prevent crusher downtime.

- ✓ G.E.T. loss detection
- ✓ Locate lost G.E.T.
- ✓ Prevent crusher downtime events
- ✓ Safety and prevention

GET.Trakka
G.E.T. MONITORING

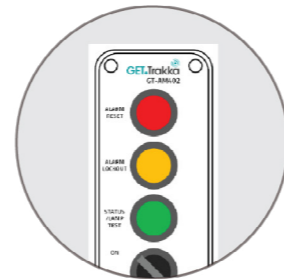**www.CRdigital.com**

G.E.T. Loss Detection

The GET Trakka solution is the only product package offering G.E.T. detection both on and off the bucket. Using embedded sensors and intelligent engineering, the GET Trakka solution gives you the G.E.T. control you've never had access to before. The system provides real-time in cab alarms to ensure the operator can make effective on-the-spot decisions to ensure your mine site reduces crusher events, equipment downtime and increases productivity. Undetected G.E.T. losses can lead to catastrophic crusher events causing costly mine site closures and delays.

Example of broken G.E.T.

Sensor inserted into G.E.T. which allows detection
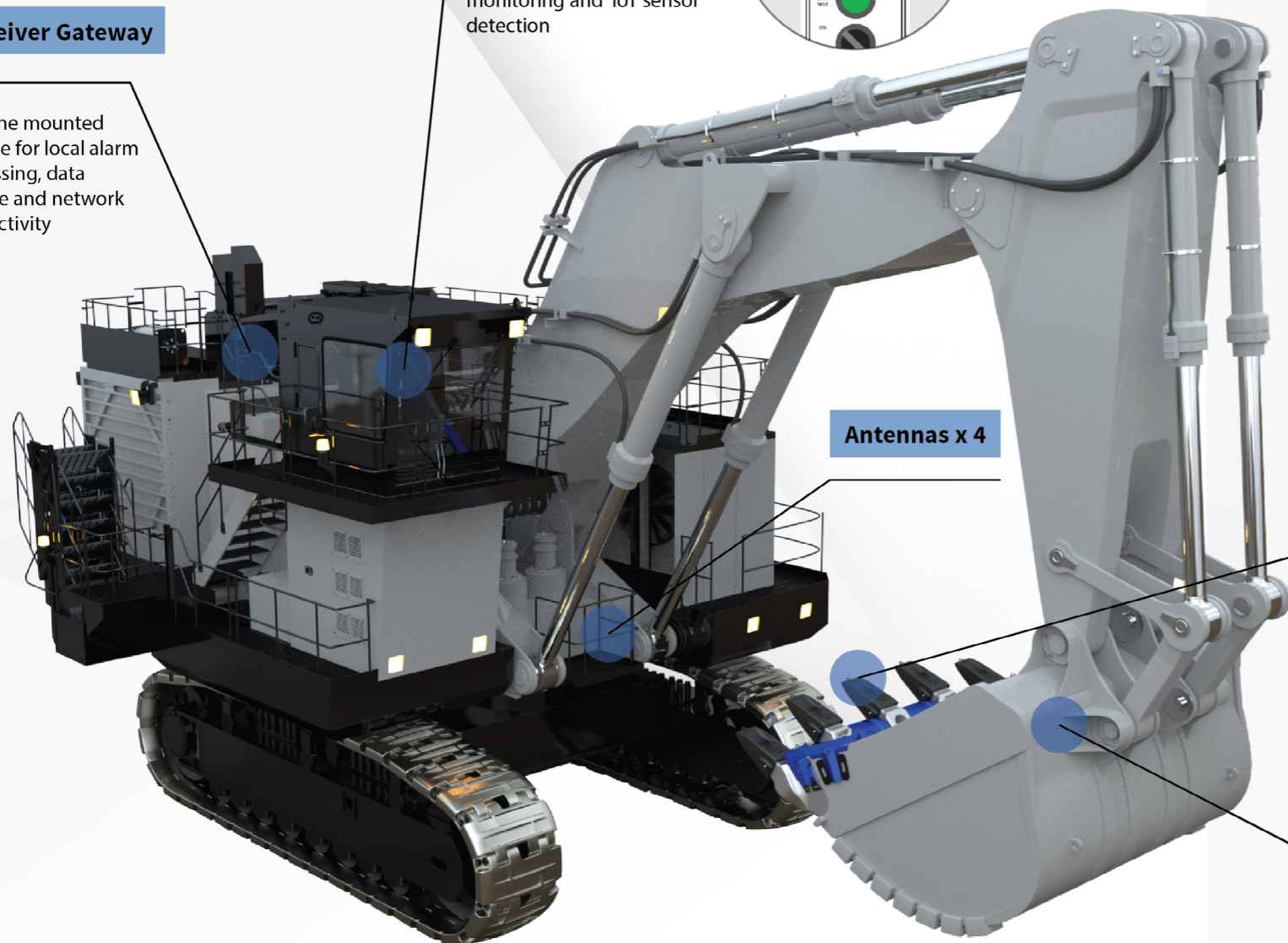
Installation Schematic

In-cab Alarm Module

Long life sensor for bucket monitoring and IoT sensor detection

Receiver Gateway

Machine mounted module for local alarm processing, data storage and network connectivity

Antennas x 4

G.E.T. IoT sensors

Rugged wireless sensor suits all G.E.T. component types including teeth, lip shrouds and wing shrouds. These IoT sensors move information from the G.E.T. to our CR databases.

Bucket Sensors x 2

Long life sensor for bucket monitoring and RFID identification

On the bucket/machine

Rugged embedded IoT G.E.T. sensors communicate with machine gateway to detect if G.E.T. is still locked in position

Off the bucket

When G.E.T. goes missing, the portable reader can be activated to rapidly establish the location of the missing component
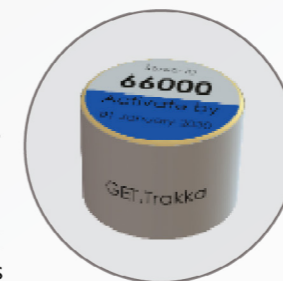
Portable Reader

Hand-held device for sensor activation and G.E.T. locator search

Safety and Prevention

G.E.T. loss events can present significant safety issues to those retrieving the G.E.T. With GET Trakka's immediate alarm notifications, rapid action can take place and G.E.T. can be retrieved easily and without injury.

Continued digging after G.E.T. losses exposes the lip to premature wear. GET Trakka allows rapid G.E.T. loss detection and ensures the machine stops digging and new G.E.T. can be installed before digging recommences, saving on costly maintenance.

GET Trakka detects G.E.T. before it reaches and damages crusher machines which prevents downtime and increases overall productivity.
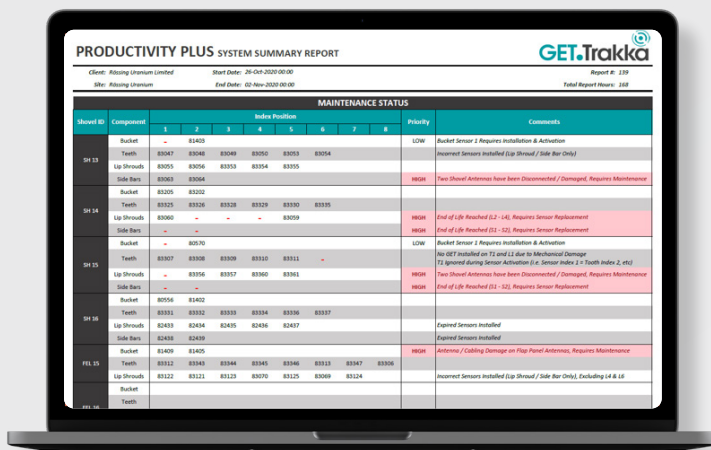
- ✓ Breakage alarm
- ✓ Eliminate crusher events
- ✓ Reduced hours of in-pit exposure
- ✓ No dangerous G.E.T. extractions in Crusher

PRODUCT ANALYSIS & REPORTING

High value digging and haulage data is captured by the network of wireless sensors. GET Trakka™ provides tracking reports on individual loss events and the times and locations these occurred to enable a root cause analysis of the breakage.

Other reports can consist of individual component data, change out times and the operational effectiveness of your G.E.T. Customers also have access to a dashboard that displays custom G.E.T. data to help with your data driven decisions and applications.

Schedule reports to provide actionable information:

✓ Maintenance Scheduling

✓ G.E.T. Loss Events

✓ Performance Benchmarking

✓ Productivity

	Production	Maintenance
Bucket Scoops	✓	✓
Machine Performance	✓	✓
Maintenance Planning		✓
G.E.T. Breakage	✓	✓
Mine & Plant Uptime	✓	
G.E.T. Change Out interval		✓
Operator Efficiency	✓	
G.E.T. Component Reliability		✓
G.E.T. Usage		✓
Predicted Change Out		✓
G.E.T. Metrics	✓	
G.E.T. Digging Temperature	✓	✓
High Impact Events		✓
Truck Cycle Times	✓	

GET.Trakka
G.E.T. MONITORING

CONNECT WITH US 🔗 f 🐦 ▶

Call your account manager today or visit **CRdigital.com** for more information.

PART OF THE CR GROUP.