

# ADVANCING TECHNOLOGIES

WCOE Midterm Conference

11/13/23



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# Equipment Access Management – Key Pads

- Remotely control who can access equipment
  - Approved and properly trained operators
- Track equipment use by:
  - Operator
  - Business Unit
  - Trade
- Reduce after hour safety incidents and fuel use
- Unmanned yards
- Track location and utilization
- Manage equipment damage
- Theft Deterrence / Facilitate recovery



# Fleet Management through Total Control®



Full visibility into rental activities



Customized and flexible reporting



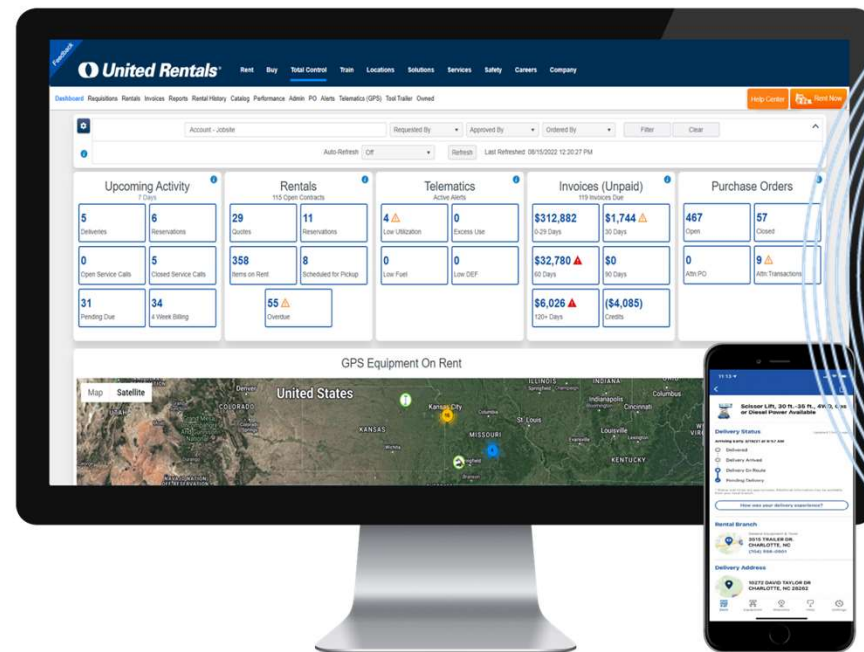
Comprehensive account management



Total Control emissions tracking



Planning and project management



# Visibility Through GPS & Telematics

## Asset Tracking

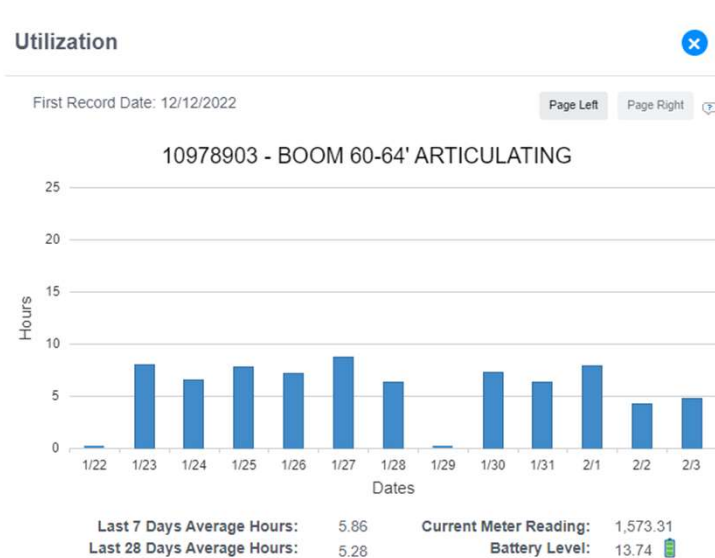
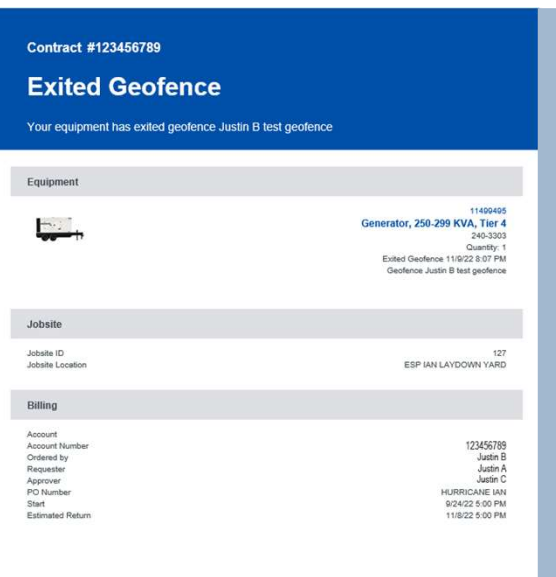
- Receive alerts when boundaries crossed
- Ability to track both rented and owned

## Location Insight

- Visibility across one or many jobsites
- 275,000+ machines with GPS capabilities

## Utilization

- Identify waste with low utilization alerts
- Plan preventative maintenance through equipment monitoring





# Telematics – Alert Notification Emails

SYNCRUDE CANADA LTD. • #942859 • Justin Bartlett

**United Rentals** Rent Buy Total Control Train Locations Solutions Services Safety Careers Company

Dashboard Requisitions Rentals Invoices Reports Rental History Catalog Performance Admin PO Alerts Telematics (GPS) Tool Trailer Owned Help Center Order Now

Orders (0) Contracts (0) Equipment (8) Financial (0) Administrative (0) All (8) Create

Action(s)	Name	Category	Alert ID	Administrator	Status
Action ▼	Low Frequency	Equipment	ALTLOFREQ		Active
Action ▼	High Frequency	Equipment	ALTHIFREQ		Active
Action ▼	High Coolant Temperature	Equipment	ALTHICOOOL		Active
Action ▼	Emergency Stop	Equipment	ALTESTOP		Active
Action ▼	Engine ON	Equipment	ALTENGON		Active
Action ▼	Engine OFF	Equipment	ALTENGOFF		Active
Action ▼	Diesel Particulate Filter	Equipment	ALTDPF		Active
Action ▼	Low DEF Level	Equipment	ALTDEFLVL		Active

**Equipment Search**

<input type="checkbox"/>	Equipment#	Customer Equip#	Equipment Type	Equipment Description	Make	Model	Fuel Level %
<input type="checkbox"/>	10857124		Air Compressors	COMPRESSOR 1300-1600 CFM OIL FREE W/COMP	SULLAIR	OFD1550	80
<input type="checkbox"/>	11055876		Diesel Generators	GENERATOR 70-84 KVA TIER 4	CUMMINS	C70D2RE	70.07
<input type="checkbox"/>	11056528		Diesel Generators	GENERATOR 70-84 KVA 600 VOLT	CUMMINS	C70D2RE	53.01
<input type="checkbox"/>	11156723		Air Compressors	COMPRESSOR 350-450 CFM 150 PSI T4	ATLASCOPCO	XATS 400 JD FT4	68.28
<input type="checkbox"/>	11171053		Air Compressors	COMPRESSOR 350-450 CFM 150 PSI T4	ATLASCOPCO	XAS 440 JD FT4	77.2
<input type="checkbox"/>	11171349		Diesel Generators	GENERATOR 300-349 KVA TIER 4	CUMMINS	C275D2RE	63.3
<input type="checkbox"/>	11175185		Diesel Generators	GENERATOR 125-149 KVA TIER 4	CUMMINS	C100D2RE	95.49

Showing 8 records Use Selected Equipment

## Email Alert Examples

- Low Fuel
- Low Utilization
- Excess Use
- Diesel Particulate Filter
- Identify regen status
- High Frequency – Generator High frequency state
- Low Frequency – Generator Low Frequency state
- High Coolant – Generators running hot state
- Emergency Stop – Generators with E-Stop engaged
- Engine On – Equipment turning on
- Engine Off – Equipment turning off
- Low Def – Equipment with low DEF Fluid

# Asset Tracking

## GPS Slap & Track



- 4G / 5G cellular technology
- Easy activation & no wires
- Battery – 4+ year life
- Total Control visibility

Track location of  
equipment and bulk  
items with no power



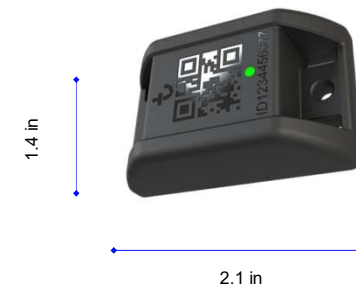
Location



Utilization



## Bluetooth Asset Tracker



- Bluetooth 5.2 – Ultra low power
- Easy activation & no wires
- Battery – 5+ year life
- Total Control visibility

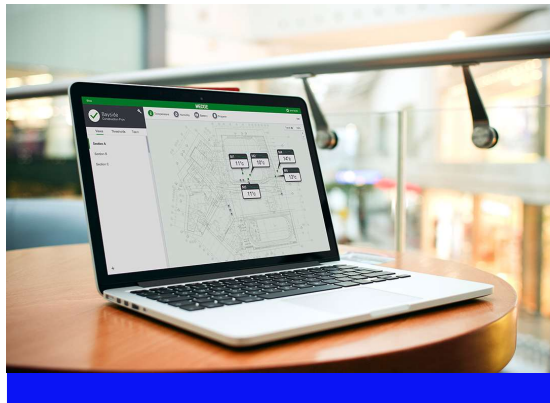
# Temperature & Humidity Monitoring

## Smart Heat



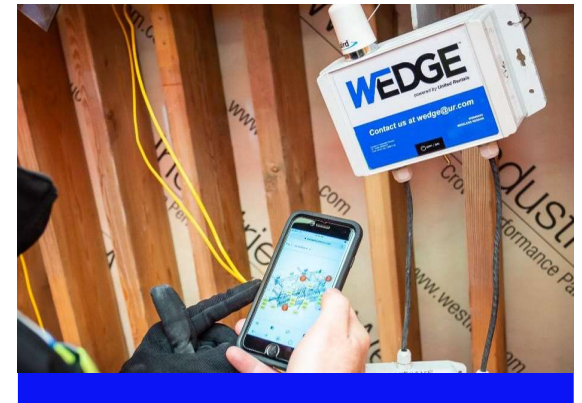
- Reduce fuel
- Reduce carbon footprint
- Remotely monitor and control worksites

## Concrete Monitoring



- Reduce manpower
- Proactive reporting
- Reports for warranty
- Concrete maturity

## Worksite Monitoring



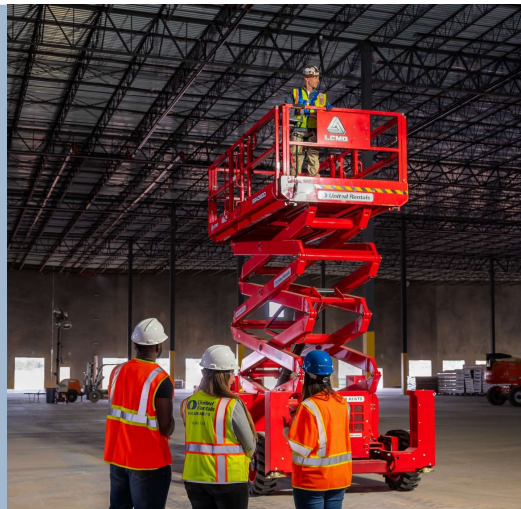
- 24/7 temperature and humidity
- Real-time alerts
- Reports for warranty
- Manage subcontractors

# General Rental Equipment

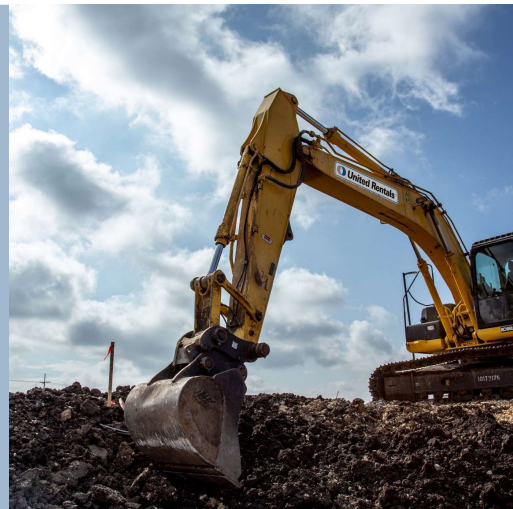
Material Handling



Aerial Lifts



Earth Moving



Light Towers & Generators





# Fluid Solutions Equipment

Pumps



Tanks



Filtration



Ancillaries



# Power & HVAC Equipment

Climate Solutions



Temporary Power



Electrical Solutions



Extended Power Loss





# Tool Solutions

Mobile Tool Rooms



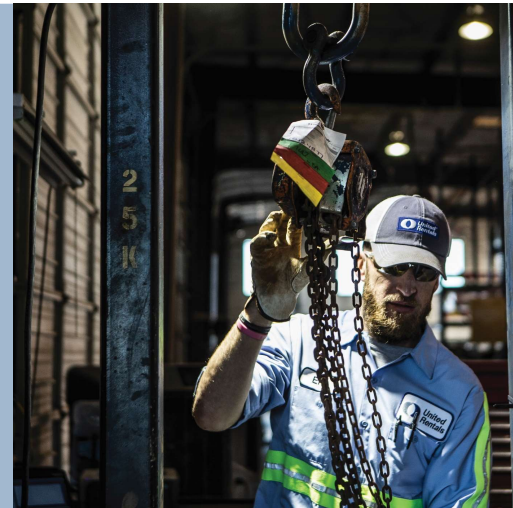
ProBoxes



Custom Pallets



Hoisting & Rigging



# Trench Safety Equipment

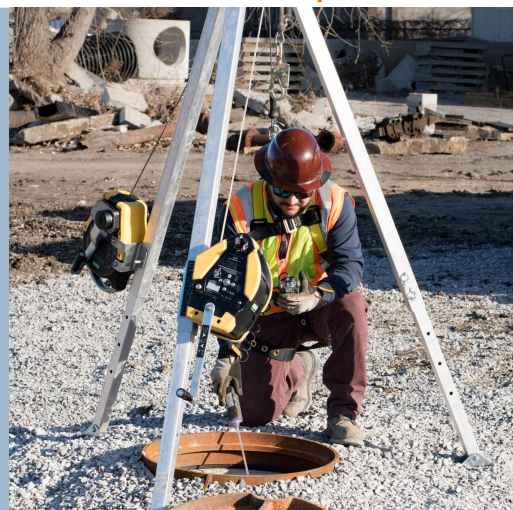
Trench Boxes



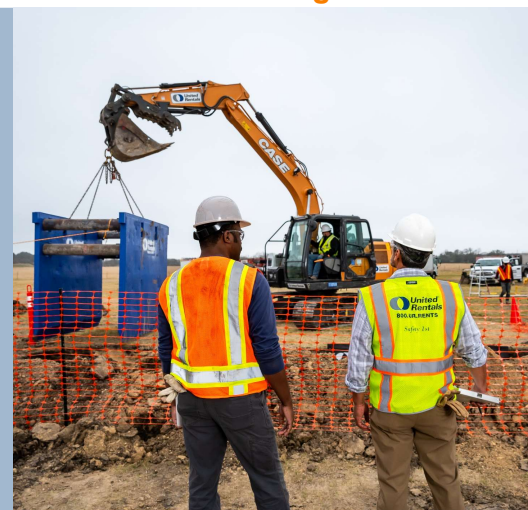
Engineered Solutions



Confined Space



Training





# Reliable Onsite Services

Portable Restrooms



Restroom Trailers



Shower Trailers



Service



# Mobile Storage Solutions

Storage Containers



Mobile Trailers



Modular Buildings



Custom Solutions





# Truck Program

1/2 Ton Pickups



3/4 Ton Pickups



Electric / Hybrid



Utility Vehicles / Other



