

microITS

SMART SITE MACHINERY



Mining



Construction



Events



Filming



Aviation



Defense



Public works



Disaster

THE MICRO ITS WORKZONE ECOSYSTEM

Micro-ITS integrates the power of ITS with wireless, portable and traffic systems to harness traffic data on any site, regardless of its location or size to enable a safer, more efficient workzone.

BLUETOOTH TRAVEL TIME

With real-time information for motorists, Smart BATTs data can be used to display alerts or travel times via variable message, ramp control or travel time signs.

VAS TRAILERS

With excellent driver compliance, vehicle activated signs work together with your other smart devices to improve the safety of your site.

VEHICLE MOUNTED VMS

We can provide vehicle fit-outs for utes and trucks, incorporating the options you need for your site.

MULTI-LANE RADAR

Applications include autonomous advanced driver warning system (simultaneous detection of heavy vehicles entering highway/workzone and triggered alert for oncoming motorists) as well as radar-mediated traffic lights.

TEMPORARY WORKZONE SIGNS

Utilizing existing infrastructure, temporary workzone signs eliminate the need for costly capital works, whilst reducing risk and cost associated with set-up and pull-down of static signs. Our Wafer VLSL are designed for single operator installation - without the need for mechanical lifting devices.

TRUCK MOUNTED ATTENUATORS

Our in-house design & manufacturing expertise means that we can work closely with our customers to ensure we meet your specific site requirements.

REMOTELY MANAGE YOUR DEVICES



ON-SITE SECURITY

Our control system allows for a variety of scenarios & schemes including motion detection, infrared, live video surveillance, automated notification of site breaches. Standard IP or STREAMS based communication.

BOOM GATE PTL

The Smart GATE eliminates the need for handheld stop/slow signs, and removes traffic controllers from the flow of traffic.

PROXIMITY DETECTION SYSTEM

Alerts workers to vehicles breaching a workzone barrier or travelling at excessive speed. Integrates with other on-site smart technology.

VLSL TRAILERS

Our variable speed limit signs may be customised to include high gain antennae & 3G remote or satellite communications.

SMART LIGHTING

Highly adaptable to a wide range of site requirements, the Smart CUBE is a true hybrid offering 345° mast rotation, 60° light tilt & up to 9m height.

VMS TRAILERS

Our variable message sign trailers boast an ultrahigh solar capacity with long run time. Options to customise include radar detection kits & high gain antennae.



HOW WE CAN HELP YOU

- ✓ Portable travel time display
- ✓ Traffic data collection
- ✓ Dynamic speed display
- ✓ Monitor site speed compliance
- ✓ Queue detection
- ✓ Advanced warning system
- ✓ Stopped traffic advisory system
- ✓ Trucks entering system
- ✓ Site surveillance
- ✓ Automated lighting

COMPLIANCE

- ✓ Meets Minimum Mining Requirements
- ✓ Lendlease GMSR (Global Minimum Safety Requirements)
- ✓ AS 3100

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SMART SAFE WORKZONES

POWERED BY:

J1-LED



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