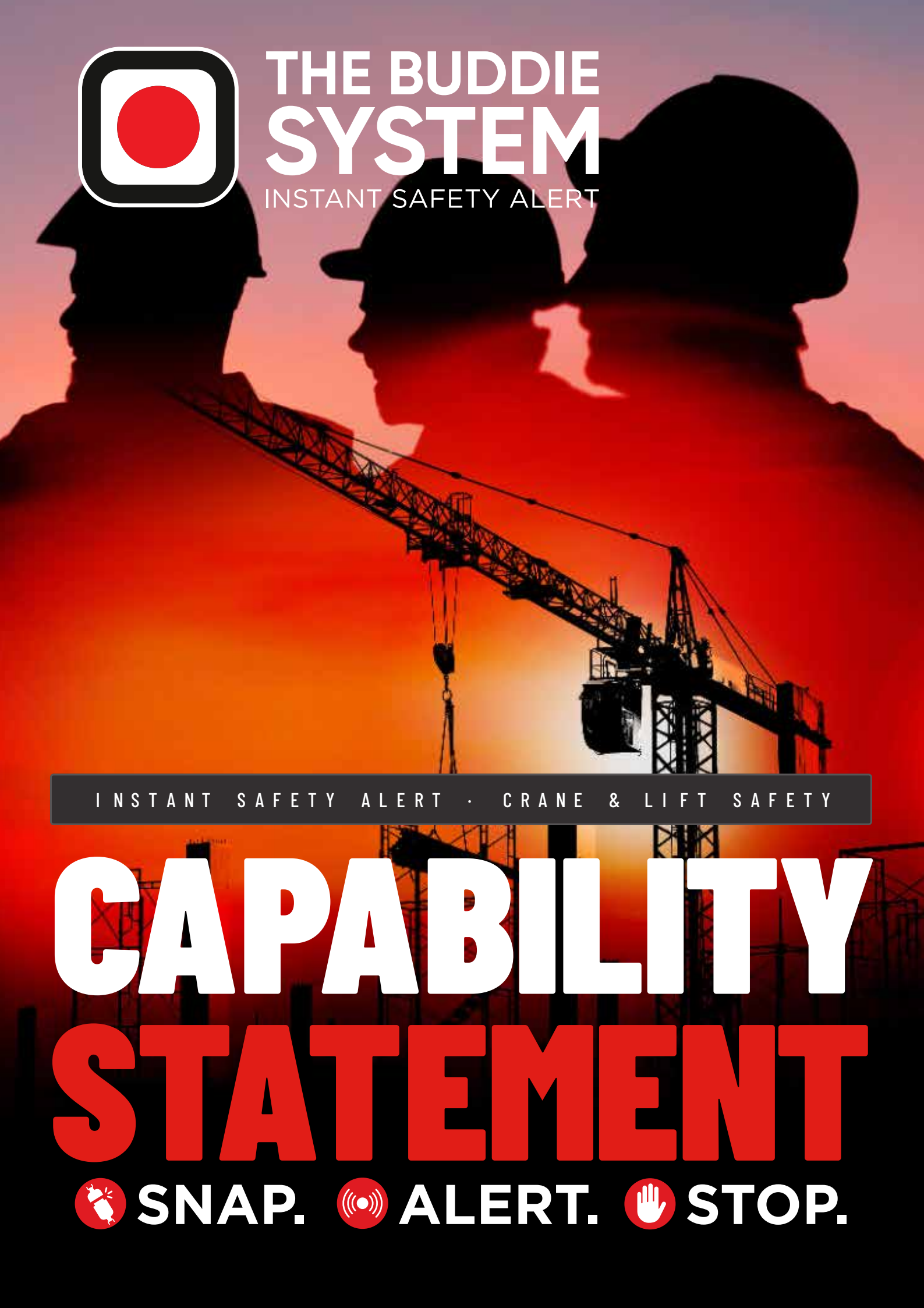

THE BUDDIE SYSTEM
INSTANT SAFETY ALERT
INSTANT SAFETY ALERT · CRANE & LIFT SAFETY
CAPABILITY STATEMENT
SNAP. ALERT. STOP.

01 · INTRODUCTION

A REDUNDANT SAFETY LAYER CRANE SITES HAVE BEEN MISSING.

The Buddie System (TBS) is the world's first wireless, wearable instant-alert safety device engineered to eliminate communication failure between crane operators and ground crews. Australian-built, and now adopted by major contractors across Australia and the United Kingdom — TBS is the redundant safety layer modern crane operations have been missing.

SNAP. ALERT. STOP. IT'S THAT SIMPLE.

Field data
30%
OF CRANE INCIDENTS INVOLVE MISCOMMUNICATION

Coverage
5/5
HIERARCHY OF CONTROLS LAYERS COVERED

Reach
3
ACTIVE MARKETS AU · UK · NORTH AMERICA

FORM FACTOR	**WEARABLE LANYARD · CRANE-MOUNTED RECEIVER**
RANGE	**UP TO 1 KM IN BUILT-UP ENVIRONMENTS**
PAIRING	**UP TO 10 LANYARDS PER CRANE UNIT · MULTI-CRANE SITES SUPPORTED**
RATING	**IP54 · ALL-DAY BATTERY · QUICK-PAIR MOBILITY**
STATUS	**AUSTRALIAN-ENGINEERED · AUSTRALIAN-OWNED**

THE PROBLEM

THE SINGLE MOST PREVENTABLE POINT OF FAILURE.

Communication is the single biggest preventable cause of failure on a crane site — and the one the industry has done least to back up.

Two-way radios drop signal in built-up environments. Hand signals are lost the moment a crew moves out of sight. Backup whistles are inaudible in industrial noise. When a Rigger cannot reach the operator in the seconds that matter, the consequences are immediate and severe.

Field data and industry studies indicate miscommunication contributes to as much as **30% of crane-related incidents** — yet until now, the sector has lacked a standardised, purpose-built mechanism designed to override communication failure at the moment it matters most.

The downstream cost is well understood: uncontrolled crane movement, blind-lift exposure, dropped loads, personnel injury, project delays, equipment damage, and material legal, insurance, and reputational liability.

THE SOLUTION

A DIRECT, INSTANT LINE TO THE OPERATOR.

A wireless, lanyard-activated line to the cabin — no delays, no margin for failure.

The Buddie System is a wireless, lanyard-activated alert device that gives every Rigger on every site a direct, instant line to the crane operator. A single pull triggers an audible and visual alarm inside the crane cabin, directing the operator to stop immediately. No inputs. No delays. No margin for failure.

TBS is engineered as a backup — not a replacement — to existing radios, lift plans, and site safety procedures. It closes the gap when primary communication breaks down, shifting crane operations from *reactive incident response* to *proactive risk prevention*.

> "Communication breakdown is the single most preventable factor in crane incidents, yet the industry has continued to rely on the same primary methods for decades. We built TBS to give every Rigger on every site a direct, instant line to the operator — no inputs, no delays, no margin for failure."
>
> JADE HARRIS · CO-FOUNDER, THE BUDDIE SYSTEM

ENGINEERED FOR THE WORKSITE

WEARABLE

LANYARD DEVICE

CABIN

CRANE ALERT

Designed in Australia by working riggers and crane operators, TBS is built for the real conditions of an active lift environment — weather, dust, noise, crew mobility, and the moments where every second counts. Every capability below is the result of feedback from active job sites.

CORE CAPABILITIES

01 INSTANT ACTIVATION

A single lanyard pull triggers the alarm. No menus, no learning curve, no setup at the moment it matters.

02 LONG-RANGE WIRELESS

Communication up to 1 km in built-up environments, with ultra-low signal latency between lanyard and cabin.

03 SCALABLE PAIRING

Up to 10 lanyards per crane unit, with multiple crane units supported across a single site.

04 QUICK-PAIR MOBILITY

Riggers can move between cranes without operational disruption or re-configuration delays.

05 SITE-RATED DURABILITY

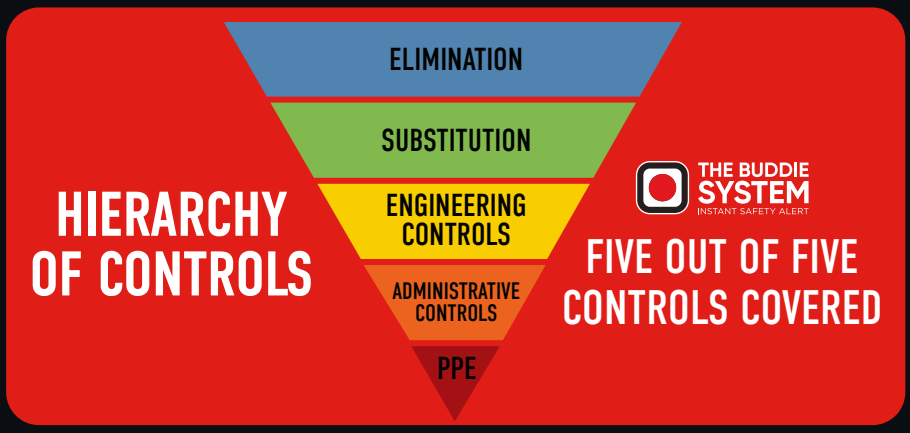
IP54 water and dust resistance, all-day battery life, robust construction for daily site use.

06 CROSS-APPLICATION VERSATILITY

Proven across tower cranes, mobile cranes, and broader industrial lifting environments.

HIERARCHY OF CONTROLS — FIVE OUT OF FIVE.

Few crane-safety interventions deliver coverage across the full Hierarchy of Controls. TBS does. It functions as engineered control, administrative reinforcement, and PPE in a single deployable system — strengthening the case for compliance, audit, and insurance positioning.



CONTROL LAYER		HOW THE BUDDIE SYSTEM DELIVERS
01	**ELIMINATION**	Removes reliance on radio-only communication as the single point of failure during high-risk lifts.
02	**SUBSTITUTION**	Replaces inaudible backup whistles and ambiguous hand signals with an unambiguous, instant alert.
03	**ENGINEERING**	Purpose-built wireless hardware with redundant, low-latency signalling independent of voice channels.
04	**ADMINISTRATIVE**	Reinforces lift procedures, supports compliance reporting, and embeds proactive safety culture.
05	**PPE**	Wearable lanyard device worn by the Rigger — a frontline safety layer at the point of risk.

BEYOND SAFETY — A COMMERCIAL RISK-MANAGEMENT ASSET.

TBS is positioned beyond a safety product. It protects revenue, reputation, and operational continuity — and supports defensible positioning across duty-of-care, audit, and insurance renewal conversations.

	BUSINESS OUTCOME	HOW THE BUDDIE SYSTEM DELIVERS
01	**RISK REDUCTION**	Mitigates the leading preventable cause of crane incidents; demonstrable contribution to lower lost-time injury exposure.
02	**LIABILITY PROTECTION**	Strengthens defensible position on duty-of-care and reasonably practicable safety controls.
03	**DOWNTIME AVOIDANCE**	Reduces incident-driven shutdowns, investigations, and project delays — protecting schedule and margin.
04	**INSURANCE POSITIONING**	Supports more favourable premiums and renewal outcomes through documented control improvements.
05	**COMPLIANCE & AUDIT**	Aligns with WHS, regulatory, and client safety expectations across construction, mining, and infrastructure.
06	**CLIENT CONFIDENCE**	Tangible proof of safety investment — a competitive advantage in tender and prequalification processes.
07	**SCALABLE ECONOMICS**	Low unit cost, fast deployment, and minimal training requirement across crews and sites.

INDUSTRY APPLICATIONS.

TBS is deployable across any operating environment where cranes, lifting, or overhead loads create risk to ground personnel.

01
CONSTRUCTION
Commercial, residential, major infrastructure

02
MINING & RESOURCES
Open-cut, underground support, processing facilities

03
OIL, GAS & ENERGY
Including renewables and wind

04
PORTS & LOGISTICS
Intermodal terminals and freight handling

05
HEAVY INDUSTRIAL
Major projects and shutdown / turnaround works

06
DEFENCE & MARINE
Naval, marine, and shipbuilding programs

06.2 · MARKET POSITION & TRACTION

FROM LAUNCH TO CATEGORY LEADER.

RECOGNITION

FINALIST — WORKPLACE SAFETY SOLUTION OF THE YEAR

WorkSafe Awards. Independent industry validation of TBS's role in addressing one of construction's most preventable risks.

FOUNDERS & ORIGIN

BUILT BY RIGGERS, FOR RIGGERS.

The Buddie System was founded by **Jade Harris** and **Gary Panagiotidis** — long-tenured crane and lifting industry professionals who built the product to solve a problem they had lived with on site for decades.

TBS is Australian-engineered, Australian-owned, and patent-pending.

WHY NOW

THE STANDARD HAS SHIFTED.

As regulatory expectation tightens, insurance markets harden, and client safety prequalification standards rise, the absence of a redundant alert layer is increasingly difficult to justify to boards, insurers, regulators, and clients.

TBS provides that layer — proven, deployable, and commercially viable today.

GARY PANAGIOTIDIS · CO-FOUNDER

"Instant emergency-stop capability should be standard on every crane site, on every job, every day. The response across Australia, the UK, and now ahead of our North American tour, tells us the industry is ready for that standard."

DON'T RISK WORKING WITHOUT IT.

PROTECT YOUR WORKERS. / PROTECT YOUR BUSINESS.

The Buddie System (TBS)
Australian-engineered crane safety technology

INDUSTRY AFFILIATIONS

Member CICA The Crane Industry Council of Australia

LEEA Associate Member

SC&RA MEMBER

For more information visit the product page