

Know the roll left the yard. Before the van does.

cut32 Yard puts a small wireless tag on every roll of cable in your storage yard. The control box hears every tag, all the time. The moment a roll is carried out of range — or its tag is shielded or destroyed — the alarm goes out over LTE, naming exactly which roll is on the move. And a stolen roll keeps reporting its position wherever it goes.

Seconds

From a roll leaving range to the alarm on your engineers' phones

Every roll

Individually tagged and named — the alarm says which roll

Zero wiring

Stick-on tags, one control box — no trenching, no barriers

Fail-secure

A silent tag is treated as a stolen roll — attacking the tag raises the alarm

THE SYSTEM IN PLACE

A roll-call for every roll, around the clock.

Each roll carries a coin-cell wireless tag with its own identity. The CC32 control box continuously takes a register of every tag it can hear. A tag that stops answering — carried away, shielded, or destroyed — fails the roll-call, and that **is** the alarm. Nothing has to be armed, and there is nothing for a thief to switch off first.

**01****Place the box**

Mount the CC32 control box centrally with sight of the yard, on any 5–26 V DC supply. It finds LTE, reports its GPS position, and appears on your platform ready to guard. Larger yards simply take more than one box.

02**Tag the rolls**

Stick a tag on each roll and scan its QR in the app — identity paired, roll-call joined, seconds per roll. New deliveries are protected at goods-in as a matter of routine.

03**Guarded — and stocked**

From that moment the yard defends itself around the clock, and your live inventory is a side effect: what's in stock is, by definition, what's answering the roll-call.

HOW IT'S BUILT

Stick-on tags. One hardened box. No infrastructure.

The yard needs no wiring, no gates, no beams and no cameras to work — everything active is the tags themselves and the CC32 control box that listens to them.

THE TAG

A wireless identity on every roll

A small, rugged Bluetooth Low Energy tag sticks to the roll or drum and beacons its unique identity on a coin cell measured in years, not months. Each tag is paired to its roll at goods-in with one QR scan — so the alarm names the roll, its cable type and its value.

Years of battery life · low battery flagged well in advance

THE ROLL-CALL

Presence, checked continuously

The CC32 box keeps a live register of every tag it can hear and re-checks it continuously. A roll leaving the yard drops off the register within seconds and the alarm fires — with the last-heard time and signal trend attached, so you know when it moved and which way it went.

Seconds from out-of-range to alarm on a phone

THE BACKBONE

The proven CC32 platform

The same hardened control box that powers cut32 LongRange: LTE-first with its own backup battery, GPS position, and continuous supervision in both directions — the box watches the yard, and the platform watches the box. A yard box going dark is itself an alarm.

LTE · GPS · battery — guards through power and network loss

Fail-secure by design — silence is an alarm, not a blind spot

Detection systems that look for a signal can be beaten by removing the signal. cut32 Yard is built the other way round: the alarm condition is a tag *not* answering. Wrap the tag in foil, crush it, pull its battery, or drive the roll out the gate — all of them look identical to the roll-call, and all of them raise the alarm within seconds. The only way to keep the system quiet is to leave the cable where it is.

Stolen doesn't mean gone — trackable in real time, phone to phone

The tag doesn't stop working at the gate. Wherever the roll goes, it keeps beacons — and **any mobile phone within Bluetooth range of the tag can pick it up and relay its position in real time**. Every passing phone becomes a listening post, so a stolen roll keeps reporting where it is, live on the map — in a van, in a lock-up, at a scrap dealer — all the way to recovery.

And while the purpose of this is recovery — driven by you or by us — the real goal is deterrence: a roll that keeps broadcasting its whereabouts elevates the risk to the would-be thief or gang, and it is that elevated risk that stops the theft happening in the first place.

STRAIGHT ANSWERS

What happens, when.

EVENT	HOW IT'S DETECTED	RESPONSE	WHAT YOU LEARN
Roll leaves the yard carried, forklifted, driven out	Tag drops off the continuous roll-call as it goes out of range.	ALARM IN SECONDS	Which roll identity, cable type, last-heard, signal trend
Tag shielded or destroyed foil, crushing, battery pulled	Identical to leaving range — silence fails the roll-call. Fail-secure.	ALARM IN SECONDS	Which roll flagged as tampered if it never moved
After the theft — recovery the roll is already off site	The tag keeps beaconing; any mobile phone within Bluetooth range relays a live position.	LIVE TRACKING	Where it is now real-time map position, phone to phone
Authorised despatch a roll genuinely sold or moved	One scan in the app releases the roll before it moves — no alarm.	SILENT, LOGGED	Clean audit trail who released it, when, to where
Tag battery low years out, not a surprise	Tags report battery state in every beacon; the platform trends it.	FLAGGED EARLY	Which tags replace on a yard walk, weeks ahead
Power or comms loss at the control box	Internal battery keeps the roll-call running; the platform alerts if the box goes dark.	SUPERVISED	Box status + GPS a dark yard is never a silent yard

SPECIFICATIONS

Detection principle	Continuous BLE roll-call — silence = alarm (fail-secure)	Alarm latency	Seconds from out-of-range, configurable
Tags per control box	Hundreds of rolls · multiple boxes per yard	Coverage per box	Open-yard radio range — surveyed at install
Tag	Stick-on rugged BLE beacon, unique identity, coin cell	Tag battery	Years of life · state reported in every beacon
Post-theft tracking	Real-time position via any phone in range of the tag	Despatch handling	One-scan release in the app — silent, audited
cut32 Yard — cable-storage theft detection		yard.cut32.com	
Inventory	Live stock list from the roll-call + movement history	Supply / backup	5 – 26 V DC · internal battery

PLATFORM & APPS

A live stock list that defends itself.

Every customer gets a private, secure tenant on the cut32 platform — your own branded hostname, your yards, your people, fully isolated.



Live yard inventory

The roll-call doubles as a stock system: every roll on site, right now, with cable type, age in yard and full movement history — under your own name.cut32.com hostname.



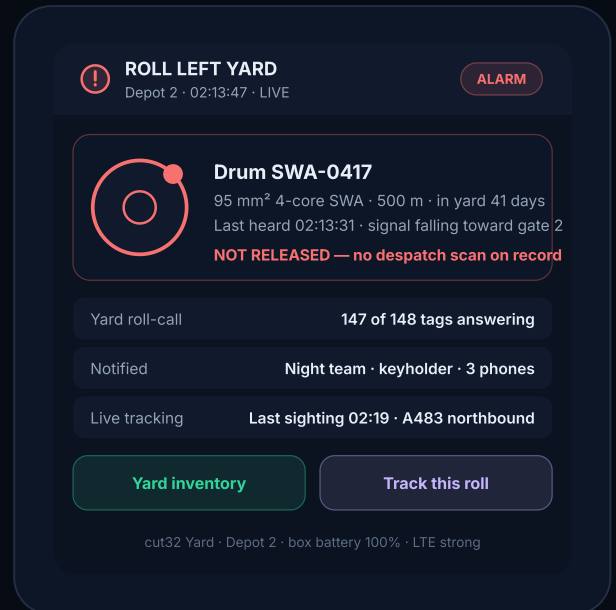
Engineer & yard apps — iOS and Android

Alerts routed to the right people for each yard. Goods-in tagging, authorised despatch and tag replacement are all one-scan jobs in the same app.



One-scan commissioning

Stick a tag on the roll, scan its QR, done — the tag is paired to that roll's identity and joins the roll-call immediately. Protecting a new delivery takes seconds per roll.



The cheapest cable to replace is the one that never left.

One box. A tag on every roll. An alarm that names what's moving while it's still in the yard — and keeps tracking it if it goes. See cut32 LongRange for protecting cable after it's installed.

yard.cut32.com