



Weighbridge management software

LoadSnap Weighbridge.

Live weights from any weighbridge indicator into LoadSnap, matched to a carrier and vehicle and carried through to the receipt you file with DEFRA. It runs alongside the weighbridge software already on site.

- Reads only. Nothing in the hut has to change.

Any make

of indicator that sends its reading as text

Up to 4

bridges read by one computer

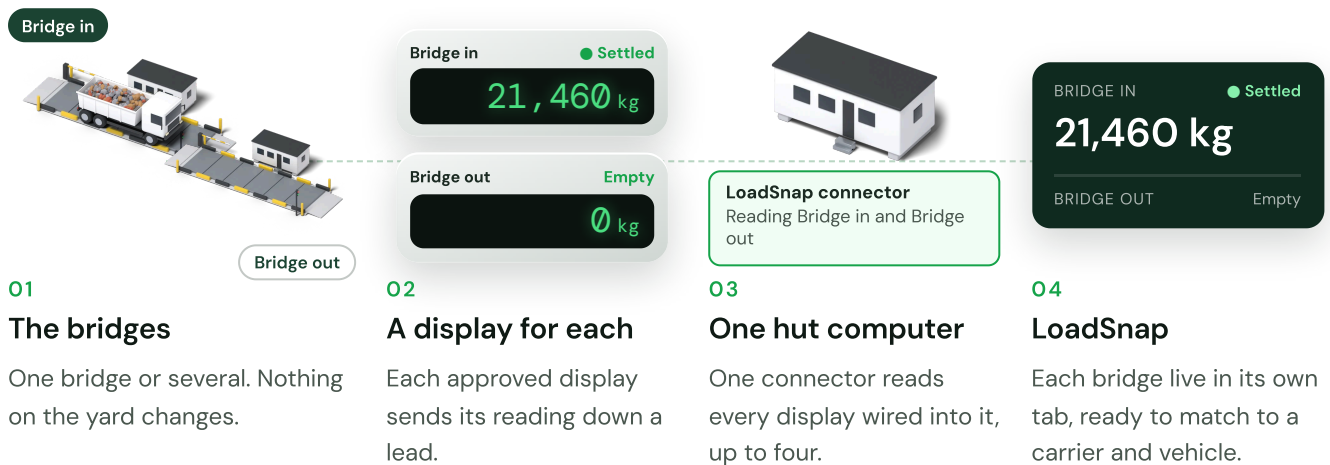
Included

with receiving loads in LoadSnap

01 · How it reads the bridge

Your indicator already says the weight. We listen.

Every indicator sends its reading as plain text, several times a second. A small program on the hut computer passes the kilogrammes to LoadSnap, and never sends anything back.



Have weighbridge software?

It keeps its lead. The connector reads the display's second output, so both run side by side.

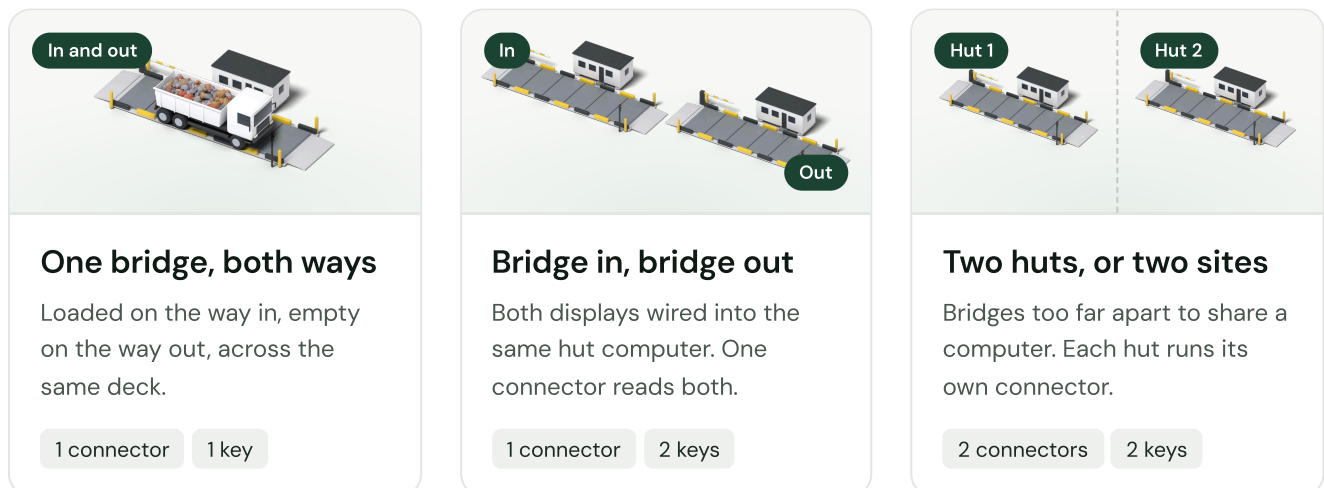
Any make, no driver

The connector shows the lines the display sends and you pick the figure that is the weight, once. No list of supported makes.

No database link

It reads the display, not your weighbridge software's records. Nothing to integrate and nothing for its supplier to change.

02 · However the yard is laid out



03 · Specification

What it needs, and what it does.

Computer	Windows 10 or 11, 64-bit. Starts when somebody logs on and runs in the background.
Connections	RS-232 serial, USB serial adapter, or TCP over the yard network (the indicator or a serial device server, by address and port).
Serial speeds	1200, 2400, 4800, 9600, 19200, 38400, 57600 baud.
Indicator output	Continuous text, one reading per line, ended by CR, LF or both. The weight is picked once at setup from the figures on the line.
Not supported	Request-only (on demand) output, Modbus, and reading another program's database. Set the indicator's spare port to continuous output instead.
Units	kg, t, g or lb as the indicator sends them. Stored in kilograms.
Settled or moving	From the indicator's own status words (such as ST and US) where it sends them, otherwise once four readings in a row match. A load is kept once it settles above 500 kg.
Bridges per computer	Up to four, each with its own key, lead and setup.
What is sent	Weight, settled or moving, the display's make if entered, and which bridge. No registration, carrier or waste data leaves the hut.
Direction	Reads only. Nothing is written to the indicator; it cannot zero, print or change the approved display.
Network	Outbound HTTPS to app.loadsnap.co.uk only. Its setup page is served on that computer alone.
Security	A key per bridge, made in LoadSnap and shown once. Turning a key off in LoadSnap stops that bridge at once.
If it stops	The gate screen says so and asks for the weights to be typed. No load waits on the connector.
Trying it	A pretend bridge built in plays a whole visit, with no indicator attached.
Records	Gross, tare and net on the receipt, each marked as read from the bridge or typed.
Price	Included with receiving loads in LoadSnap. No charge for the program.

04 · From the bridge to DEFRA

What happens to a load.

- 1 **The vehicle settles.** The weight drops into today's list on the Weighbridge page with its time.
- 2 **Carrier, then vehicle.** The office drags the vehicle onto its weight and it moves to On site.
- 3 **It weighs out.** On the same bridge or the other one. The second weight closes it and LoadSnap works out the net.
- 4 **The receipt fills in.** From a Connect code, a scanned transfer note, or by hand.
- 5 **Filed with DEFRA.** Received, and sent to digital waste tracking from LoadSnap.

On the Weighbridge page

- Live figure from each bridge, with settled or moving
- Each settled load kept as a weighing with its time
- A tab for each bridge on the site
- Empty weights it already knows, offered as a button
- Driver's ticket, two copies on one A4 sheet

05 · LoadSnap Connect

One reference from collection to the gate.

DEFRA's digital waste tracking does not yet let one firm look up another firm's movements. That arrives with phase 2, planned from October 2027.

Until then, every load a carrier books in LoadSnap carries a Connect code from collection to its final site. At a LoadSnap site the code fills in the receipt: carrier, waste codes, hazardous properties and where it came from. It never replaces filing with DEFRA.

One load, one code**LS-7EA2C-4DB9F**

- Collected, code issued by the carrier
- Entered at the gate, receipt filled in
- Filed with DEFRA by the receiving site

Weighbridge maker or installer?

We would like to work with you. When a waste site asks for LoadSnap, the only change at the bridge is setting a spare output to continuous, or switching on the network output. Get in touch at loadsnap.co.uk/contact.