

GlobeRanger

Smart Asset Solutions



The challenge



**When it comes to
digitally transforming
our organisation,
where do we start?**



How is the challenge solved?

Start with where

Knowing where your assets are is the first step, or the next step, on your organisation's digital transformation journey.

GlobeRanger will connect your physical assets to your digital systems now – and in time, we'll connect the organisation you know to the one you can only imagine.



How is the challenge solved?

When you know where your assets are, you'll know how.



How can we mobilise our assets fast?



How can we keep track of our stock in real-time?



How can we assess the age, status and condition of our assets?



How can we make more efficient use of our storage space?



How can re-order stock timeously and efficiently?



How can we monitor the quality of our suppliers' deliveries?



How can we identify where bottlenecks are?



How can we optimise consignment splitting?

Who can you trust to take you there?

GlobeRanger. Because we start where you are.

A Fujitsu company, we are leaders in helping organisations use IoT-enabled asset tracking, management and decision-making – starting from wherever they are on their DX journey.



Pioneering

We have 20 years' experience in helping organisations connect their assets to the Internet of Things to start their digital evolution.



Simplifying

We make transitioning to a connected organisation easy, from site survey to pilot to business case – we do it all for you.



Evolving

We are part of Fujitsu, so we can help you integrate the latest digital technologies, from AI to 5G, to solve problems at the very edge of your organisation as you evolve.

How is the challenge solved?

A world leader in smart asset solutions who'll partner you wherever your connected organisation takes you.



A single partner
who is hardware agnostic



Trusted customer service
based on outcomes



Unrivalled expertise
– our experts are yours



Competitive costing
with a flexible model



Quick ROI
from cost efficiencies
and incremental value



Longevity
backed by Fujitsu



Global footprint
so we can be wherever
you're expanding next



Emerging DX technology
so we can evolve your
organisation together

What technologies do we work with?

Automatic identification technology

Marking and tagging technologies are part of a broader suite of technologies that enable and facilitate the accurate capture and rapid transmission of machine-readable data to automated information systems.



Digital Image Processors



Mobile Data Devices



Passive Tag



Active Tag



Wi-Fi, BLE, GPS Tags

Radio Frequency Identification



Barcodes



Sensors / Actuators

What bespoke platform do we offer?

iMotion platform and suite of applications



**Asset
Tracking**

**Liquid
Management**

**Inventory
Receiving**

Sample of GlobeRanger applications built on or integrated with iMotion

iMotion Platform Architecture

**Edge Application
Development
Studio**

**Visual Device
Emulator**

Edge Process Manager (Workflows)
(Data processing, business rules, data filtering and interfaces)

Edge Device Manager
(Configure, capture control and monitor)

Device Adapters

**IoT
Sensors**

**AIT Devices
(RFID, Barcode,
BLE, Wi-Fi)**

**Weight
Scales**

PLCs

What bespoke tools do we offer?

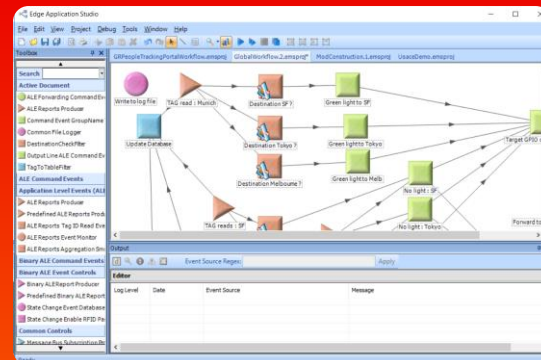
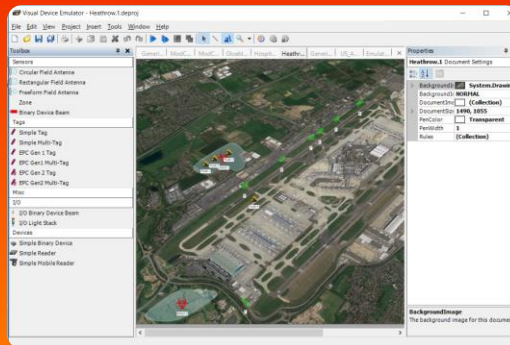
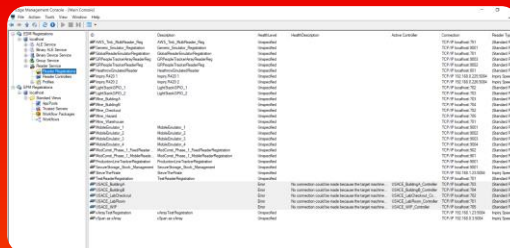
iMotion platform tools

A rich toolset

- Device Management Console
- Workflow Design Studio
- Virtual Device Emulator

Azure / AWS compatible

On-prem / Cloud / Hybrid



RFID	Description	NSN	Serial Number	Parent Asset	Last Seen
0001	ENGINE v7	4940-01-182-9279	51000032861	AT1x3	Slaging Yard 07/18/2023 10:08:18 AM
0002	ENGINE v7	7025-01-C91-3457	CWSUHAZNS00523		Warehouse 05/18/2023 08:20:18 AM
0003	GPS UNIT	7021-01-C91-9624	RL703J0037		Warehouse 05/18/2023 08:19:41 AM
0004	TRANSMISSION	7025-01-C94-2862	15CRV13	AT1x3	Slaging Yard 07/18/2023 10:08:18 AM
0005	TRANSMISSION	8830012274274	US2027A005		Warehouse 05/19/2023 08:20:23 AM

How do get from here to connected?

You're just 6 steps away from being a connected organisation.

1. Consultation

We'll discuss your business problems and explore how we can help

2. Site survey

We'll do a deep assessment of your site, assets, operation, challenges and needs

3. Proposal

We'll write up our recommended solution and pilot proposal

4. Pilot

We'll trial the solution on a specific area with limited assets to prove the business benefits and value

6. Evolve

We can enable your connected organisation to use time-critical data about your assets to inform value-critical decisions, instantly

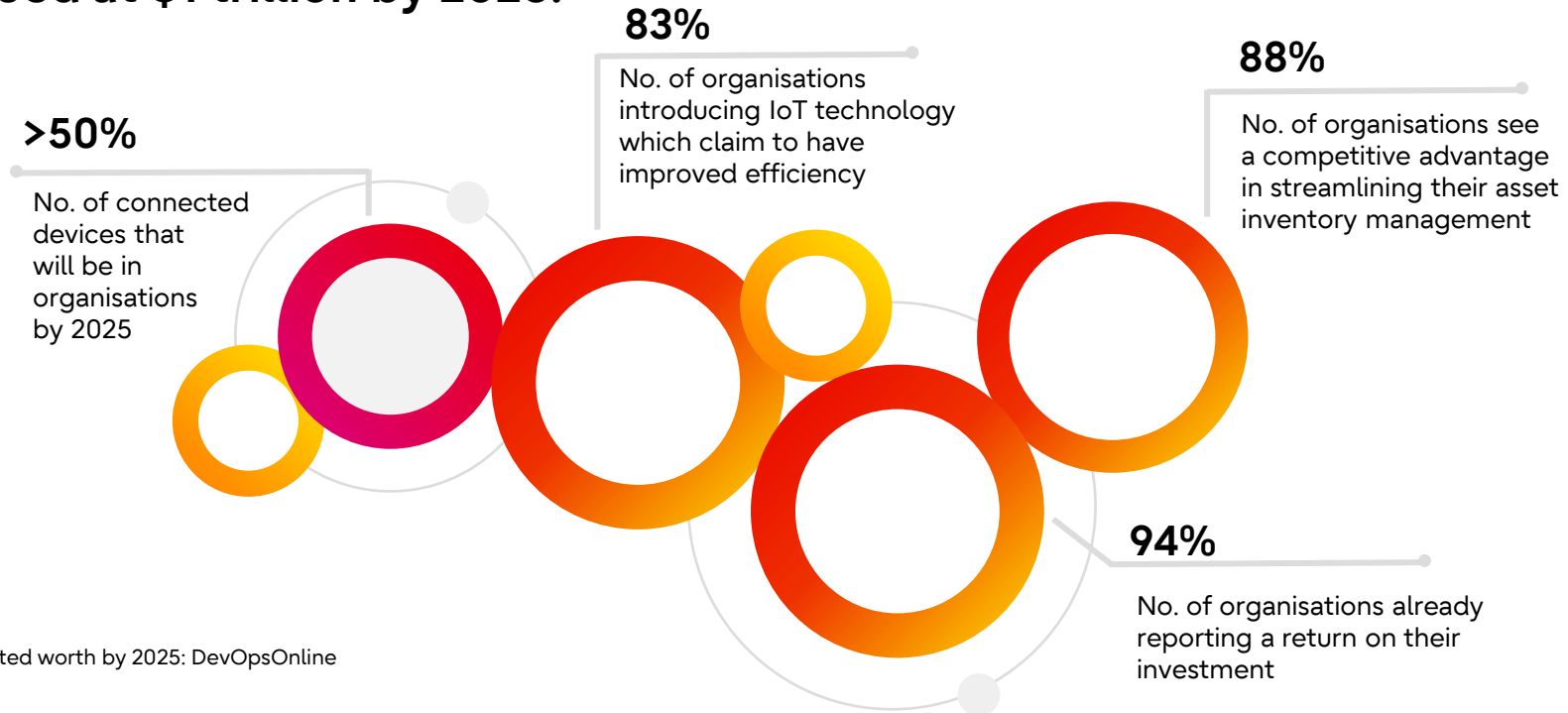
5. Roll-out

We'll scale the solution across the site, and others, to create an integrated solution



Where's the future opportunity?

As a connected organisation, you can plan to take your share of the IoT market, valued at \$1 trillion by 2025.*



*Estimated worth by 2025: DevOpsOnline

What benefits can we offer?

Now

Real-time visibility
of assets and supply chain

Asset efficiency
especially in auditing and restocking

Operational efficiency
especially in mobilising and distribution

Optimisation of your processes
doing more with less

Accountability
proving asset provenance, location and spend

In the future

Business insight
through asset data collection and analysis

Opportunity mapping
backed up by data, to transform your organisation

Faster connectivity
with lower latency by integrating 5G

Automated decisioning,
smarter working and cost reductions by integrating AI

Unalterable provenance trail
to boost ESG credentials by integrating blockchain

To start or not to start?

That's the question. Here's some help deciding ...



-  1. My organisation has a high volume / value of assets.
-  2. We have a high level of complexity or risk in our asset profile.
-  3. Our assets are in flux, some or all of the time.
-  4. We often need to mobilise our assets fast.
-  5. We don't have real time, quick and easy access to audit trails of our asset management, handling or distribution.

If two or more statements describes your organisation, then asset tracking, deploying and decision-making could be the best way for your organisation to start its digital evolution.

How is the challenge solved?



Your digital evolution starts here.

We'd love to talk to you about where being a connected organisation can take you.

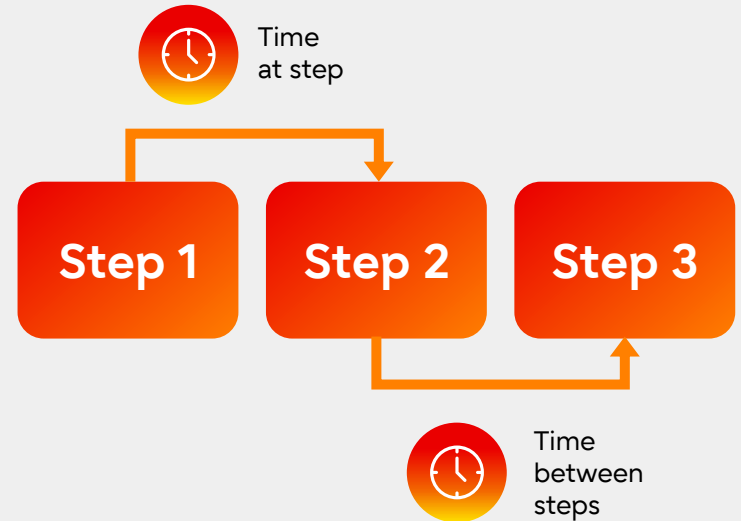
After all, our business depends on knowing not only where your *assets* are, but where your *organisation* is.

And where you want to go next.



Use cases

- Monitor each process step
- Track station productivity
- Monitor queue / station WIP time
- Real time view of delays / issues
- Track staff velocity
- Line tracking
- Configurable line sequencing



Use case #1

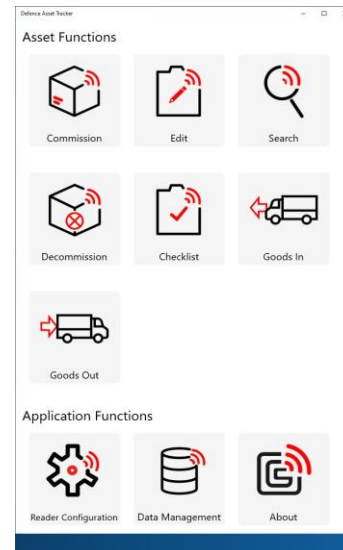
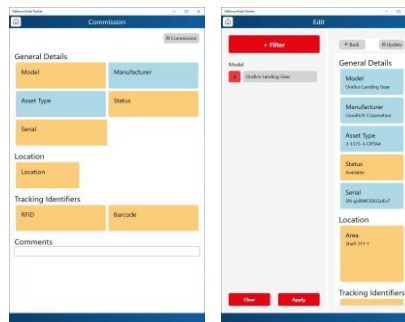
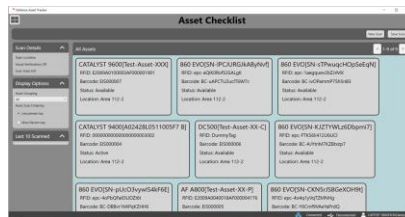
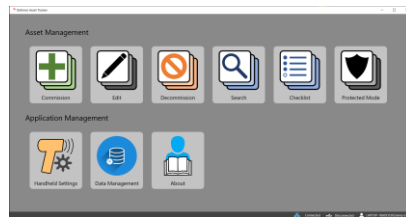
Defence asset tracking



Mobile all-in-one



Laptop and reader



Inventory and material asset tracking

- Smart warehouse management
- Automatic forklift mounted readers
- Next available staff pick and put-away tasks
- Easy consignment splitting
- Manage asset type over multiple locations



MRO / WIP item and process tracking

- JIT part delivery
- Repair dwell time alerts
- Stage of repair status
- Reduce Foreign Object Damage
- Chain of custody / providence



Tool tracking and lifecycle management

- Reduce Foreign Object Damage
- Fast location of tools
- Automatic calibration alerts
- Damage / Test / Refurb management
- Track and monitor high value tools
- Issue and return of tools



Thank you