



Manufacturing Digital Supply Chain Ecosystem

**Global Business
Innovation Programme
Singapore
26 – 30 January 2026**





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About us

The Global Business Innovation Programme

The Global Business Innovation Programme (GBIP) helps ambitious UK companies that are developing cutting-edge technologies in key sectors to enter global markets of strategic importance and find international collaboration partners.

Funded by Innovate UK and managed by Innovate UK Business Growth, the intensive three-stage programme:

- prepares businesses for approaching and operating in market
- includes a tailored in-country visit, which allows businesses to develop a deeper understanding of the market and facilitates introductions to key partners and contacts from government, academia and commerce
- provides ongoing specialist support to help businesses cement relationships, leverage connections made during the visit, identify partnership opportunities and access R&D funding to drive cross-border collaboration.

Innovate UK

Innovate UK is the UK's innovation agency, helping UK businesses to accelerate growth through the development and commercialisation of new products, processes and services, supported by an easy-to-navigate, agile and inclusive innovation ecosystem.

www.ukri.org/about-us/innovate-uk

Innovate UK Business Growth

Funded by Innovate UK, Innovate UK Business Growth delivers bespoke support to ambitious innovative businesses to help them grow and scale. The support provided by Innovate UK Business Growth is tailored to meet the needs of businesses across all technology sectors and is designed to respond to their evolving needs as they scale and compete globally.

www.iukbg.ukri.org



Digital Supply Chain for Manufacturing

Digital supply chains leverage technologies such as AI, blockchain, IoT, cloud computing, and advanced analytics to enable real-time visibility, predictive planning, and automated decision-making. These systems help manufacturers optimise inventory, reduce lead times, and respond swiftly to disruptions.

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Singapore is at the forefront of developing and implementing digital supply chain solutions to enhance manufacturing efficiency, resilience, and agility. Integrating digital technologies into supply chain management is a key component of the country's strategy to future-proof its manufacturing sector. With a strong emphasis on SME innovation, international collaboration, and UK–Singapore bilateral funding opportunities, the Singaporean market presents significant potential for UK SMEs offering advanced manufacturing technologies.

The Made Smarter Innovation (MSI) Programme is a flagship initiative under the UK's Advanced Manufacturing Sector Plan and a core pillar of the government's Industrial Strategy. Its mission is to drive sustainable growth in UK manufacturing

by accelerating the development, adoption, and export of Industrial Digital Technologies (IDTs), with a particular focus on supporting Small and Medium-Sized Enterprises (SMEs).

This will be achieved by connecting the UK's strength in early-stage technology companies with the challenges faced by manufacturers. A sequence of targeted collaborative research and development competitions will be complemented by an Innovation and Scale-Up Hub, designed to increase technology development and validation success rates, support technology developer scale-up, and strengthen connections with the Made Smarter Adoption programme.

Made Smarter Innovation has gained support from large manufacturers who recognise the importance of digitalisation in their supply chains. The programme allocates millions of pounds across several strands to provide structured support for both SME technology developers (supply side) and SME manufacturers (demand side). The objective is to help SME technology providers develop higher-performing technologies, increase validation, improve commercialisation

prospects, and scale up into the SME manufacturing landscape.

The Innovate UK Global Business Innovation Programme (GBIP) will play a key role in advancing collaboration between Singapore and the UK. A thriving bilateral partnership with Enterprise Singapore has produced three-year MoUs (latest 2024–27) since 2021, setting out joint activities to strengthen UK–Singapore co-innovation.

The UK and Singapore are positioned as global leaders in advanced manufacturing, AI, and digitalisation in supply chains.

Both countries aim to accelerate the adoption of Industrial Digital Technologies (IDTs) to drive growth, create high-quality jobs, establish international leadership in global markets, and support joint research and innovation opportunities to build resilient supply chains.





Bloc Digital is utilising creative, digital visualisation and immersive tech expertise to improve, promote and power industrial and cultural sectors.

Ranging from award-winning animations and marketing to predictive digital twins and training, our products and services help you work smarter, be more connected, and have a greater impact on your customers.

We're proud to call multinational and blue-chip organizations like Airbus, Eurofighter Typhoon, GSK, JCB, Lubrizol, Rolls-Royce, Shell, and Siemens our clients. Based in Derby, England, we have already expanded into multiple engineering hubs in the US growing from a team of two, to over 70 dedicated employees.

Collaboration Opportunities

Our goal is to continue our recent multi-national expansion by entering regions such as Singapore that are rich in opportunity within the manufacturing and engineering sectors.

We aim to connect with likeminded Singaporean businesses and explore ways Bloc can support the industries in Singapore with our expertise and assets.

This visit will be key to establishing a future permanent presence in the country, by gaining a strong insight into the market structures and local economy. We welcome any interested parties to join us for a chat and look forward to visiting.



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DIGITAL TRANSFORMATION

INDUSTRIAL IOT | DATA INTEGRATION | DIGITAL TWINS | DATA VISUALISATION | PROCESS OPTIMISATION | CUSTOM SOLUTIONS

TRAINING AND SUPPORT

SELF-PACED LEARNING | INSTRUCTOR AIDS | INTERACTIVE PROCEDURES | PLATFORMS | COLLABORATIVE VR | CONTENT

MARKETING AND EVENTS

CAMPAIN STRATEGY | SCRIPTING | DESIGN | ANIMATION | VIDEO PRODUCTION | EXPERIENTIAL APPS | EVENT DESIGN | SOCIAL MEDIA

CREATING MARKETING CONTENT AND DIGITAL SOLUTIONS FOR INDUSTRY

DERBY, UK | MENTOR, US | WICHITA, US



CREATIVE



MODELLING



MEDIA



IMMERSIVE



SOFTWARE



DATA



DocCheck AI

Automated ALCOA checks and data trending for faster, compliant batch release.

Doc Check AI is a UK-based quality and compliance technology company developing validation-ready tools for GMP-regulated manufacturing. The platform automates ALCOA checks across handwritten, scanned and digital batch records, using handwriting recognition to help manufacturers reduce errors and accelerate batch release. Its deterministic, audit-ready software extracts and quality checks data for automated multi-batch trending, giving teams clearer visibility of process optimisation. The system integrates with existing GMP workflows to deliver consistent, traceable review outcomes without major system changes. Co-CEO Ruben Roy Caballero leads the company's commercial strategy and international growth.

Collaboration Opportunities

To identify Southeast Asian GMP manufacturers, CDMOs and quality consultancies seeking to modernise documentation review, ALCOA compliance and data trending. To explore collaboration with regulatory, innovation and research bodies aligned to PIC/S and Singapore's national quality standards. To understand SEA-specific compliance expectations and data-handling requirements. To build partnerships with distributors, integrators and implementation providers supporting regional adoption. To establish pilot projects with manufacturers aiming to improve documentation accuracy, shorten review timelines and gain deeper insight into process performance through automated multi-batch trending.



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DocCheck AI



AUTOMATED ALCOA COMPLIANCE & DATA TRENDING FOR FASTER BATCH RELEASE

GMP-ready documentation intelligence platform that automates quality checks and extracts structured data from handwritten and digital batch records.

Deterministic, audit-ready software identifies missing entries, illegible handwriting, timestamp inconsistencies and calculation errors – **generating a structured review report in minutes.**

- ✓ Automated ALCOA checks
- ✓ Automated multi-batch data trending
- ✓ Handwriting recognition for legacy paper records

Deterministic, auditable outputs for QA/QP sign-off

Also supports: shorter review cycles and faster batch release • fewer documentation errors and deviations • works with existing EQMS and EBR systems – no rip-and-replace

PIC/S Annex 11 aligned • Part 11 compatible • GAMP 5 approach • GxP-ready • Validation pack included

MORE
INFO:





Dot Square Lab specialises in simulation, optimisation and control for logistics and manufacturing.

With particular expertise in logistics and AI, Dot Square Lab builds solutions bridging industry expertise with cutting edge research. Logistack is their large-scale logistics digital twin platform. It models complete logistics networks, such as container ports, shipping routes, trucking, warehousing, using event-driven, multi-scale simulation that captures both individual equipment operations and network-wide cargo flows.

Built by an international team with research experience at Meta and SoftBank Robotics, the platform delivers measurable logistics outcomes for port operators, logistics firms, and global supply chain networks.

Collaboration Opportunities

They are moving from development to commercial pilots, targeting Singapore as their first international testbed to validate Logistack with world-class actors in the logistics industry.

Currently, they are seeking partners to pilot Logistack in live logistics environments. They want to work with port operators, logistics firms, OEMs, and systems integrators to validate the platform against real-world KPIs: throughput, dwell time, on-time delivery, emissions, and cost-to-serve.



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LogiStack



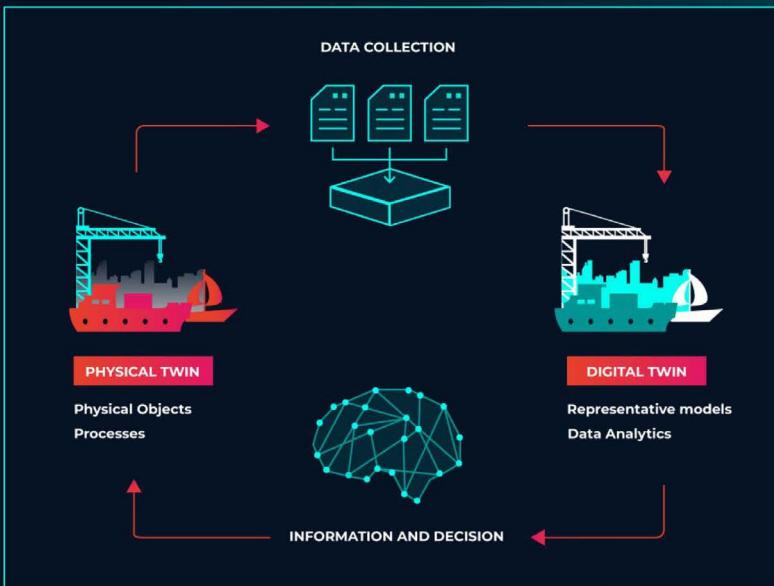
 Over 11 billion tons of goods are transported by sea annually, 90% of all internationally traded cargo

 Maritime logistics moves \$2.1 trillion in US trade alone, and \$100s of billions in Southeast Asia

 Efficiency gains **unlock enormous value**: even modest improvements translate to billions in cost savings and emissions reductions

 Many operators lack the tools to identify these opportunities across their interconnected networks

LogiStack is a large-scale supply chain digital twin that models **complete logistics networks** in a single environment. It enables port operators, logistics firms and manufacturers to uncover hidden bottlenecks, test **optimization strategies**, and quantify improvements before implementation, turning efficiency planning from intuition into **evidence-based decision making**.



Data Integration

- IoT sensors & real-time feeds
- AIS & vessel data
- TOS systems & historical data
- External factors (weather, regulations)

AI Layer

- Demand forecasting
- Route & fleet optimization
- Reinforcement learning agents
- Predictive analytics

Simulation Engine

- Multi-scale modeling
- Event-driven architecture
- Scenario generation & stress testing
- Real-time synchronization

Decision Support

- Interactive dashboards
- KPI tracking & alerts
- Policy testing & comparison
- Investment scenario evaluation

Ensiovision's patented system Sydan, uses "on-the-fly-data" collection, pioneering automation in palletised logistics.

Globally 25 billion pallet shipments are handled annually, Sydan integrates AI, advanced sensors and real-time data capture directly onto forklift trucks, automating scanning, weighing, dimensioning and imaging during operations. Ensiovision enables faster throughput, improved accuracy, enhanced safety and richer operational data.

The technology is unlocking immediate efficiency gains in an industry dominated by manual processes, while unlocking new revenue opportunities through precise billing and traceability. Designed for seamless integration into existing warehouse environments, Sydan offers a scalable, future-ready solution addressing a critical global logistics challenge.

Collaboration Opportunities

Our objective is to establish strategic relationships and secure long-term partnerships in Singapore, focusing on developing a robust sales channel through Asia's gateway and regional distribution, which will enhance market penetration and drive sustainable growth throughout Asia.

We are looking to connect with:

- Potential distribution partners that currently supply and maintain forklift trucks
- Warehouse software management system houses that would benefit from bolting on Sydan to create full data visibility in the supply chain.
- Forklift truck manufacturers that see a potential in licencing Sydan and embedding the system into forklift trucks.



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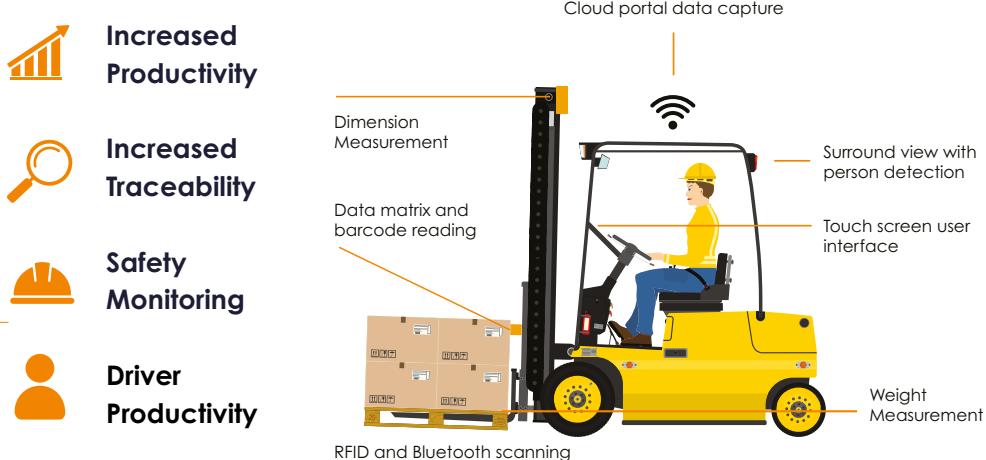


Every Pallet Captured On-The-Fly

Transforming forklift trucks into intelligent data capture systems automatically scanning, weighing, dimensioning and tracking pallets as they move.

Designed for high-volume logistics, Sydan:

- ✓ Reduces fleet and labour costs
- ✓ Increases throughput
- ✓ Improves safety
- ✓ Eliminates billing errors
- ✓ Proven in live logistics operations



Sydan - the only all-in-one, forklift-mounted pallet data system on the market.



Causal AI to prevent unplanned downtime in process manufacturing.

Manufacturers lose 11% of revenue to unplanned downtime, and that figure has risen 65% since 2019 despite advances in AI and machine learning.

The problem is that analytics tools still rely on experienced engineers to understand why processes behave the way they do - and those experts are retiring fast.

Kausalyze, a University of Sheffield spinout, embeds 30+ years of chemical engineering expertise directly into causal AI, preserving critical knowledge and enabling any engineer to identify root causes and prescribe preventative actions.

Our technology has been validated with Fortune 500 manufacturers across chemicals, oil & gas, pharmaceuticals, and FMCG.

Collaboration Opportunities

Kausalyze is seeking to expand into the Asia-Pacific market, with Singapore as our strategic launchpad. We're looking to connect with manufacturers and investors who share our vision for the next generation of process analytics - moving beyond black-box predictions to truly explainable causal models that identify root causes and prescribe preventative actions.

Our objectives are to:

1. Engage with chemicals, energy, and pharmaceutical manufacturers interested in pilot deployments of our causal AI platform.
2. Partner with strategic players in the industrial data analytics space who can accelerate our regional growth.
3. Connect with investors for our 2026 seed round.



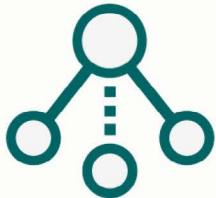
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KAUSALYZE

The Problem:

Why Predictive Maintenance Isn't Enough



11%

of Annual Revenue Lost

Process manufacturers lose this to chronic, recurring issues and unplanned downtime.



Predictive AI is a 'Black Box'

It shows symptoms and correlations, but cannot explain the root cause of failures.



You Get Alerts, Not Actionable Decisions

Knowing a failure is coming doesn't tell you how to prevent it from happening again.

The Solution:

Kausalyze Causal AI



Go From 'What' to 'Why' and 'How to Prevent'

Our technology identifies the true root cause and prescribes preventative actions.



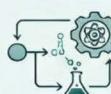
System-Level Intelligence, Not Just Asset Monitoring

We understand how your complete process connects to find problems others miss.



Chemical Engineering Expertise Built-In

Our AI respects process dynamics, providing transparent and trustworthy recommendations.



1. Connect to Existing Data

Plugs into your current process data historians without needing new sensors or expensive retrofits.



2. Apply Systems-Level Intelligence

Causal AI understands how your entire operation connects, finding true root causes that correlation-based tools miss.



3. Get Prescriptive Actions

Receive specific, actionable recommendations to prevent failures before they happen and eliminate chronic losses.

Partner With Us

Get in touch to explore collaboration and partnership opportunities

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Kólé is a circular construction platform that turns recovered site materials into verified low-carbon feedstock for other construction sites and manufacturers.

With 30% of global waste coming from construction and most of it downcycled or landfilled, Kólé creates a pipeline that reduces natural resource use, cuts waste to landfill, and stabilises material supply chains.

We are deployed at projects worth a combined £100m in the UK and are already delivering ~3 tCO₂e monthly embodied-carbon savings and ~£2k monthly disposal-cost reductions per site.

Collaboration Opportunities

On this GBIP trip, Kólé is seeking two key opportunities.

Pilot partners

We aim to identify four construction sites in Singapore to run a 3-month circular construction pilot, demonstrating how recovered materials can be captured, verified, and supplied as low-carbon feedstock.

Investment

We are also exploring investment to support Kólé's expansion into new markets across the UK and South East Asia, enabling us to scale our technology, onboard partner sites, and build resilient circular material pipelines.



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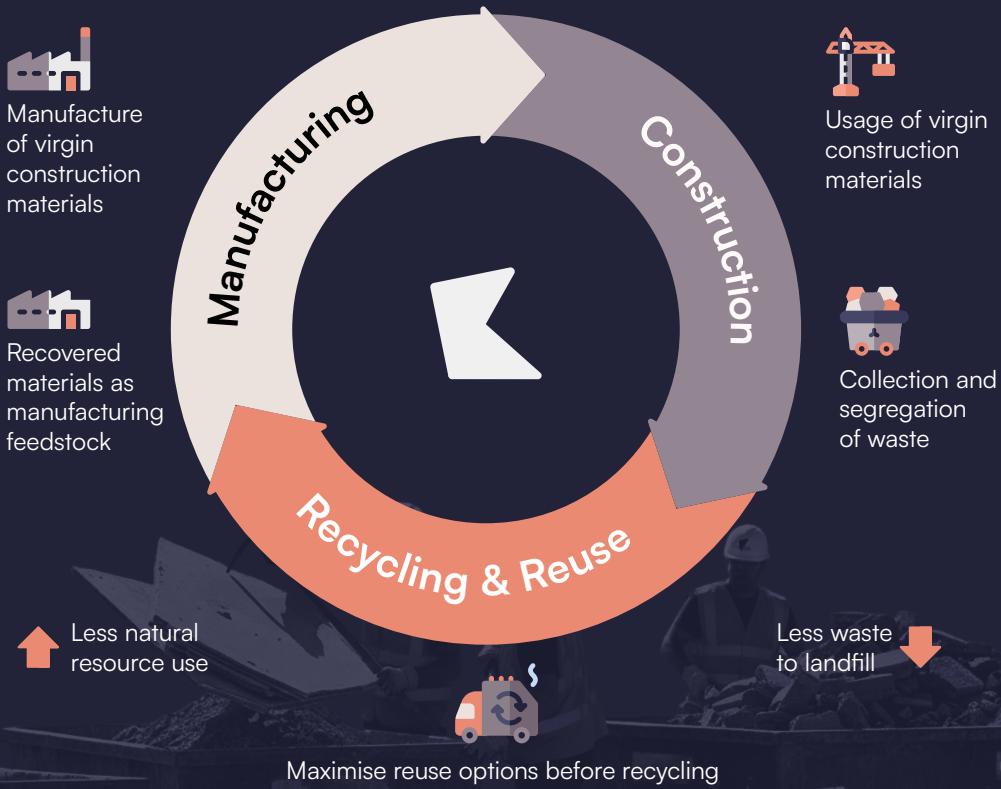
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30%

of all global waste is from construction and most of it is either downcycled or landfilled.

At the same time, manufacturers face **volatile material costs** and **unstable supply chains**. Kólé creates a **verified low-carbon pipeline** from **construction waste** to **factory floors**.



Trusted by:



on a combined project portfolio worth >£100 million

So far:

~3 tCO₂e embodied carbon averted per month per project

~£2k waste disposal cost reduction per month per project



Watch a 2-min demo



Book a quick chat

Connect with us:

www.getkole.co

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getkole



Koleapp

Building resilient titanium AM supply chains through innovative feedstock qualification.

NCHG Limited specialises in sustainable titanium powder solutions for additive manufacturing, combining deep technical expertise with innovative validation methodologies. Founded by aerospace manufacturing veteran Nick Weeks (20 years' experience including Rolls-Royce Singapore), we've achieved rapid market traction with £200K+ revenue in our first year.

Our Ti64 validation service leverages advanced characterisation, predictive modeling, and risk-based qualification to accelerate powder adoption while ensuring aerospace-grade quality.

Strategic partnerships with UK research institutions and European manufacturers position NCHG to support Asia-Pacific companies seeking supply chain independence from geopolitically concentrated titanium sources while reducing costs and improving competitiveness.

Collaboration Opportunities

Our Singapore mission focuses on building strategic collaborations that advance sustainable titanium additive manufacturing across Asia-Pacific.

Key objectives include: identifying partners for co-developing wider PSD Ti64 feedstock solutions with aerospace-grade validation; connecting with manufacturers seeking to reduce qualification costs and timelines; exploring scrap-to-powder innovation opportunities with regional aerospace and defence suppliers; establishing relationships with research institutions and OEMs interested in circular titanium economy; and demonstrating how NCHG's validation methodology enables supply chain independence from concentrated geopolitical sources.

Success means creating a network of regional partners who can leverage our technology to improve competitiveness while building resilient local supply chains.



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NCHG LIMITED

**RESILIENT.
SUSTAINABLE.
BRITISH.**

NCHG CONNECTS MANUFACTURERS
ACROSS THE **TITANIUM SUPPLY CHAIN**.

FROM **TITANIUM WIRE AND POWDER**
TO CIRCULAR MANUFACTURING
PRACTICES, WE SUPPORT
COLLABORATION THAT **STRENGTHENS**
RESILIENCE, REDUCES WASTE AND
ACCELERATES ADVANCED
MANUFACTURING.

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Nextrung is an emerging deep-tech and urban systems venture revolutionising the delivery of affordable, climate-resilient housing globally.

Nextrung is a deep-tech housing and urban systems venture improving how affordable, climate-resilient homes are delivered at scale.

With cities needing millions of new homes and the global modular construction market projected to exceed USD 200 billion by the 2030s, housing delivery is increasingly reliant on modular construction. Yet delivery systems have not evolved at the same pace. Fragmentation across planning, design, manufacturing, logistics, and sustainability continues to limit certainty, delivery speed, and whole-life performance—particularly in high-density urban contexts.

In partnership with the University of Leeds, Nextrung is developing Urban Avatar—a delivery intelligence platform designed to integrate public housing delivery into a single, coordinated system, supporting more reliable, scalable, and climate-positive outcomes.

Collaboration Opportunities

To accelerate manufacturing-led, climate-resilient housing delivery, Nextrung will use the GBIP to:

1. Pilot Urban Avatar within Singapore's advanced DfMA and PPVC ecosystem, creating a unified delivery system that connects planning, design, manufacturing, logistics, and carbon performance for public housing. Demonstrate impact on complex, high-density sites by identifying and mitigating delivery risk, programme uncertainty, and carbon trade-offs before construction begins.
2. Secure diversified public, private, and innovation funding to scale validated capabilities across the UK, South Africa, and Asia-Pacific over the next 12–18 months. UK, South Africa, and Asia-Pacific within the next 12–18 months.



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Urban Avatar

The Operating System for Climate-Resilient Housing

The Problem

Up to 30% of construction cost is lost to coordination failures and rework. Modular housing—an advanced manufacturing system—breaks down when planning, design, factory production, logistics, and site delivery operate as disconnected systems.

The Solution

Developed by Nextrung, Urban Avatar is a cognitive digital twin that models housing delivery before construction begins—bringing design, manufacturing, logistics, and carbon performance into one predictive system and a shared source of truth.

Value Propositions:

- Generative design for site-specific, compliant modular options
- Predictive Intelligence to optimise risk and workflow
- Real-time supply-chain visibility from factory to site
- Embedded carbon and climate-risk modelling
- End-to-end integration across design, factory, logistics and site operations





OneSC is a digital transformation company dedicated to strengthening regulated supply chains through innovative cloud & AI solutions.

Our mission is to support small and medium-sized enterprises (SMEs) adopt digital technologies that drive efficiency, productivity, and compliance across their operations.

Though officially incorporated in 2023, OneSC's journey began in 2020 during the COVID-19 pandemic. The disruption to global supply chains highlighted vulnerabilities in critical medical delivery that inspired us to develop solutions that build resilience and security within the life sciences industry.

Today, OneSC delivers cutting-edge SaaS AI solutions that enable companies to release products faster, with greater accuracy and reduced compliance risks. By combining domain expertise with advanced technology, we empower clients to innovate confidently and contribute to a secure, efficient, and sustainable pharmaceutical ecosystem.

Collaboration Opportunities

OneSC is a specialised cloud platform designed for regulated industries such as pharmaceutical, medical devices, food, etc

with a core focus on batch management and documentation efficiency. It enables companies to streamline workflows, eliminate bottlenecks, and replace fragmented systems with a single source of truth. By digitising and automating critical processes, OneSC ensures regulatory compliance, product quality, and full end-to-end visibility across the supply chain.

Highly customisable, the platform is designed to fit seamlessly into existing operations, helping both internal and external teams work more efficiently and collaboratively while giving leaders clearer oversight of quality and supply chain performance. It evolves with business needs, supporting both day-to-day workflows and long-term growth by aligning people, processes, and data in one place.

Powered by AI, machine learning, and automation, OneSC goes beyond process digitisation to provide intelligent insights, supporting faster product release, smarter decision-making, and a stronger, more agile supply chain.



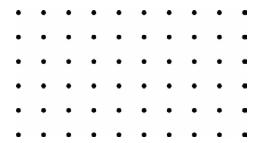
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AI-Driven Cloud Solutions for Smarter Supply Chains

01.

Increasing

- End-to-end visibility
- Staff throughput & productivity
- Traceability

02.

Reducing

- OPEX by 30%
- Batch review, release, & lead times
- Overstock & out-of-stock issues

03.

Automating

- Batch operations
- KPI reporting & SLA monitoring
- Audit reports



Ensures compliance with
FDA 21 CFR part 11 &
Eudralex Annex 11



Robust version control, secure
doc. management & compliant
e-signature workflows

OneSC fits into your digital transformation strategy by leveraging your existing systems to allow your organisation to achieve a true platform approach with built for purpose, yet seamless solutions, by leveraging AI and other proven technologies.



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An integrated workflow & reporting platform simplifying how manufacturing businesses analyse Finance & Operation SaaS data.

Quirk is an AI-powered integrated reporting and workflow platform built for manufacturing businesses. We consolidate fragmented data from ERP, Accounting, CRM, E-commerce and Factory Floor systems into a single hub, delivering real-time dashboards, AI-driven insights, and predictive forecasting without requiring technical expertise.

Having migrated 100+ businesses to cloud systems, Quirk was created to solve the data visibility challenges we saw repeatedly: siloed information, manual reporting, cross-system validation and delayed decision-making. Quirk replaces spreadsheets and expensive BI tools with real-time clarity. Businesses save time, gain trusted insights, and make faster decisions without costly technical complexity or heavy IT investment. Backed by Innovate UK and a Crown Commercial Service supplier, we're headquartered in Nottinghamshire, UK, with customers across Europe, US, and MENA.

Collaboration Opportunities

In Singapore, Quirk seeks to establish strategic partnerships, validate regional demand, and accelerate market entry across Southeast Asia.

Partner Opportunities: We're seeking ERP vendors, system integrators, and accountancy networks to embed Quirk as their analytics and sustainability reporting layer.

Pilot Customers: Manufacturing SMEs using mid-market ERP systems who want real-time visibility without expensive BI tools.

Investor Introductions: We're raising a £600k seed round to accelerate product development and international expansion.

As a global hub for manufacturing, logistics, and SaaS innovation, Singapore provides a strategic gateway for scaling Quirk across APAC, supporting manufacturers seeking real-time visibility, tighter operational control, and AI-driven decision-making.



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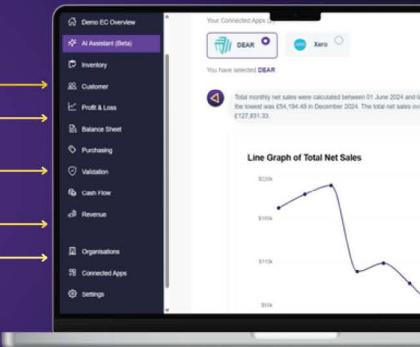
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REVOLUTIONISING BUSINESS REPORTING & WORKFLOWS



Our Mission

Unifying Finance and Operations data into one intelligent reporting layer so teams can trust their numbers, move faster, and scale with confidence.

Current Challenge

Manufacturing businesses rely on multiple systems to run operations: accounting, inventory, e-commerce, supply chain, and more.

But when data lives in silos:

- Reporting is slow and manual
- Inventory and working capital decisions are based on partial data
- Leaders lack real-time visibility into performance

Our Solution

Quirk connects these systems into one intelligent reporting layer. By integrating ERP systems with factory floor data, Quirk delivers real-time KPIs, automated workflows, and AI-powered insights, all in a single dashboard.

Why Businesses Choose Quirk

- ✓ Unified Visibility: Finance, inventory, and Operations in one place.
- ✓ Manufacturing Insights: Understand stock, working capital, and forecasting.
- ✓ Real-Time Reporting: Always up-to-date, no spreadsheets.
- ✓ AI-Powered Clarity: Spot risks, trends, and opportunities faster.

Get in Touch

To explore partnerships, pilots, or market opportunities contact: Mohamedali Walji, CEO, mohamedali@qurk.app





TAZAAR is a technology company specialising in asset tracking and monitoring solutions for mid to high value electronics.

TAZAAR offers patented GeoTag OEM modules for manufacturers integrating GPS tracking and energy monitoring into powered equipment used in transient and temporary site environments, such as production and event gear.

Each GeoTag is linked to the host product's Digital Product Passport, enabling seamless capture of location history, energy usage and key lifecycle events. This embedded intelligence supports real-time asset visibility, improved maintenance planning and sustainability reporting.

TAZAAR's mission is to make products live longer by equipping manufacturers with the tools to track, manage and optimise product lifecycles from factory to end of life.

Collaboration Opportunities

TAZAAR is focused on engaging 2 core stakeholder groups: R&D institutions and Electronics Manufacturing Services (EMS) providers.

Collaboration with institutions such as A*STAR, Singapore Institute of Technology (SIT) and Nanyang Technological University (NTU) would support the development and prototyping of TAZAAR's third-generation GPS module, while also providing local insight and connections to potential commercial partners.

At the same time, TAZAAR seeks to identify and partner with EMS companies within Singapore's established manufacturing ecosystem to enable integration of its technology at scale. Early engagement with these providers would inform product integration strategies, assess technical compatibility, and explore co-development or licensing opportunities.



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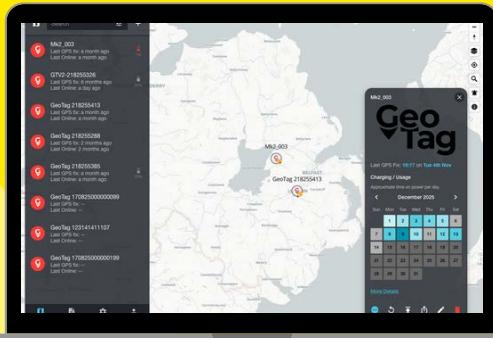
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GeoTag

Tracked by
TAZAAR®

GPS Tracking and Asset Monitoring



This piece of equipment has a GeoTag module integrated inside meaning it now captures location, movement and usage data.



Patented | Customisable | Scalable



Scan for OEM
offering



Teknobuilt's PACE OS accelerates Supply Chain Ecosystems for Mega-Capital Construction Projects.

Teknobuilt's PACE OS digital platform resolves supply chain fragmentation in manufacturing for capital projects by unifying siloed vendor, engineering, field, safety, and logistics data with AI-based predictive mitigation, reducing critical supply chain risks, material delays, and inventory holding costs.

Its unique Digital Construction Blocks leverage geospatial intelligence and machine learning to streamline supply chain logistics with on-site production workflows.

PACE OS, an award-winning platform, has demonstrated successful productivity outcomes for Fortune 50 companies such as Exxon and Microsoft, as well as top-10 global engineering procurement, construction contractors. Results have shown double-digit construction productivity gains and a 30% improvement in on-time project execution.

Collaboration Opportunities

Teknobuilt aims to leverage Singapore's position as a global hub for smart, resilient, and sustainable supply chains to accelerate regional adoption of its PACE OS platform across the Asia-Pacific. The AI-driven platform directly supports Singapore's Manufacturing 2030 Vision and national resilience priorities by providing execution-centric digital twins and a real-time digital control tower.

Teknobuilt is actively pursuing partnerships with industry participants focused on improving supply chain efficiency, boosting productivity, enhancing safety, and adopting robust carbon management frameworks, all contributing to Singapore's vision for a smart built environment.



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PACE OS iSCM (Integrated Supply Chain Management) is Teknobuilt's digital solution designed to enhance visibility, efficiency, and resilience across manufacturing and construction supply chains. It provides end-to-end transparency of material requirements—from engineering and procurement to transportation, logistics, and site delivery—enabling stakeholders to make data-driven decisions in real time.

UNIFIED PLATFORM FOR CAPITAL PROJECTS DELIVERY



BENEFITS



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Reduce Waste & Costs with Real-time Resource Optimization

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ubloquity is the global trust protocol for high-stakes trade. We bridge the gap between physical existence and digital identity. Through our ubinex platform, we provide an immutable “source of truth” for the world’s most critical sectors—from Aerospace and Defence to Pharmaceuticals and high-value Logistics.

ubloquity pioneers the future of frictionless trade across Asia-Pacific. As a specialist in digital asset identification, ubloquity leverages Blockchain and IoT to secure complex supply chains—from aerospace to high-value agriculture.

Our technology creates an immutable “single source of truth” for cross-border commerce, reducing regulatory friction and eliminating fraud. By delivering real-time provenance, ubloquity empowers APAC enterprises to navigate diverse markets with certainty.

We do not just track assets; ubloquity validates trust—delivering innovation through authentication.

Collaboration Opportunities

ubloquity is a cutting-edge technology provider securing global supply chains through advanced digital identity and blockchain solutions. We create verifiable digital twins for high-value physical assets, serving critical sectors including aerospace, defence, and premium agriculture.

Our platform enables frictionless cross-border trade and “smart border” management, eliminating fraud while ensuring absolute data integrity. By delivering an immutable single source of truth, ubloquity empowers organisations to streamline logistics and navigate complex regulatory environments with total confidence. We turn transparency into a competitive advantage.



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Trusted Digital Assets.

Frictionless global movement.

Built for Singapore.

ubloquity is the global leader in digital asset identification, digital product passports and frictionless cross border movement for regulated supply chains.

From Singapore to Europe, the UK, US and beyond, we turn complex trade, compliance and asset data into a single trusted truth.



- Unique digital identity for every physical asset
- Digital Product Passports compliant with EU and UK regulation
- Real-time asset location and chain of custody
- Automated trade, customs, and regulatory data sharing
- Frictionless movement across borders and trade zones

Why Singapore chooses ubloquity

Singapore builds global products.
We ensure they move globally without friction.

Leading The Visit



Sherrie Rad

**Innovation Lead, Made Smarter
Innovation – Innovate UK**

Sherrie has been with Innovate UK since 2019, supporting SMEs and enterprises to unlock innovation. She began with the Transforming Construction Industrial Challenge Fund and now works in the Made Smarter Innovation team, funding businesses and researchers to build a resilient, flexible, and sustainable UK manufacturing sector.

She manages several hubs, including the Digital Supply Chain Hub, which focuses on industry adoption and real-world deployment of digital supply chain solutions. Her work includes piloting and scaling deep-tech adoption in automotive and defence clusters and driving digital trade adoption aligned with IUK and DBT strategic priorities.

Sherrie also oversees the UK Digital Twin Centre in Belfast, making digital twins more accessible, easier to develop, and practically applied for SMEs. With a background in AI and machine learning, she previously worked in technology innovation for the oil, gas, and financial sectors.

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Chris Needham

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Chris helps organisations collaborate on next-generation digital technologies to strengthen UK technology excellence and create a bright future for UK and global manufacturing.

Since joining Innovate UK, Chris has managed over 70 R&D projects investing £130m across all manufacturing sectors, driving digital innovation, manufacturing and supply chain optimisation.

Chris has overseen a £50m Smart Manufacturing Data Hub and served as a Strategic Advisory Board member for two £10m Research Centres.

His background spans high-precision sectors in automotive, aerospace, motorsport, healthcare, and 10 years with the Manufacturing Advisory Service, supporting SMEs to innovate and grow.

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Trevor has worked on behalf of Innovate UK Business Growth for five years, supporting UK SMEs to succeed in international markets. He primarily leads the delivery of the Innovate UK Global Business Innovation Programme and has managed numerous missions to Singapore, India, and Japan across key sectors, including Advanced Manufacturing, Health and Medical Technologies, Sustainable Plastics, PEMD, and Semiconductors.

With over thirty years of professional experience, Trevor has held roles ranging from consumer product sourcing in the Far East and mail-order retail to an early career rooted in the arts and classical music.

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Jens Boehm

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Jens supports companies on European and global matters in economic governance, innovation, and international trade through a diverse portfolio of programmes and sector initiatives. Expertise and interests range from advanced manufacturing, clean energy, creative industries and digital tech to future telecoms and wellbeing, with electronic music, football and hiking in between.

Educated in business administration, economics, telecommunications, tourism, transportation and economic policy, Jens now leads a dynamic and versatile team, delivering impactful programmes across 20+ countries worldwide that enable organisations to innovate, compete, and grow internationally.

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