Cover
Story

Codegate®

Strengthening Workflows Through Reliable Tracking Intelligence

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Software Development, System Integration, Mobile Computing, Asset Tracking Solutions.

A steady foundation helping construction, manufacturing, and healthcare manage movement with ease!

Anyone who has walked through a construction yard, a manufacturing floor, or a hospital corridor understands how fast equipment travels from hand to hand. A tool sits on a bench one moment, then a team carries it across the site the next. This steady rush creates pressure, and every misplaced item can slow an entire operation. This everyday reality sits at the heart of **Codegate's** journey.

The firm began as the technical department inside *Synergix Ltd*, a specialist in barcode products. The team worked close to the action, learning how barcodes bring order to environments filled with motion. Over time, their skills deepened. Synergix moved toward a new chapter in 2009, and the

technical unit stepped forward as an independent software resource for auto ID. The shift allowed the team to follow its own direction with confidence.

Codegate never grew through noise or large claims. It grew through steady craft and attention to real workplace needs. Each employee carried years of insight into how assets travel, how teams manage pressure, and how simple tools can help people breathe easier through long days. This experience remains the firm's core strength.

Today, Codegate delivers *bespoke software development* along with mobile and cloud asset tracking systems that support construction, manufacturing, and healthcare. The work involves more than technology. It involves reading the rhythm of each industry and building tools that feel natural for the people who rely on them.

Across heavy sites, production lines, and clinical spaces, Codegate's solutions give teams a clear view of equipment and materials. Mobile tools feed reliable data into cloud platforms, creating calm where confusion once surfaced. Workers see where assets move, who used them, and when they return. Delays fall away. Teams work with steadier judgment.

From its early Synergix days to its present leadership in auto ID innovation, Codegate continues to grow through focus and honest skill. The firm builds practical systems that support real people in demanding environments. Each project strengthens its purpose. Each solution returns clarity to places that rely on it every day.

Let us learn more about its journey:

Turning Real World Moments Into Digital Simplicity

There is a moment many organisations know well. A problem shows up in the physical world, full of noise, habits and human error, and they hope technology will make sense of it. When that moment arrives, Codegate steps in with a very grounded perspective.
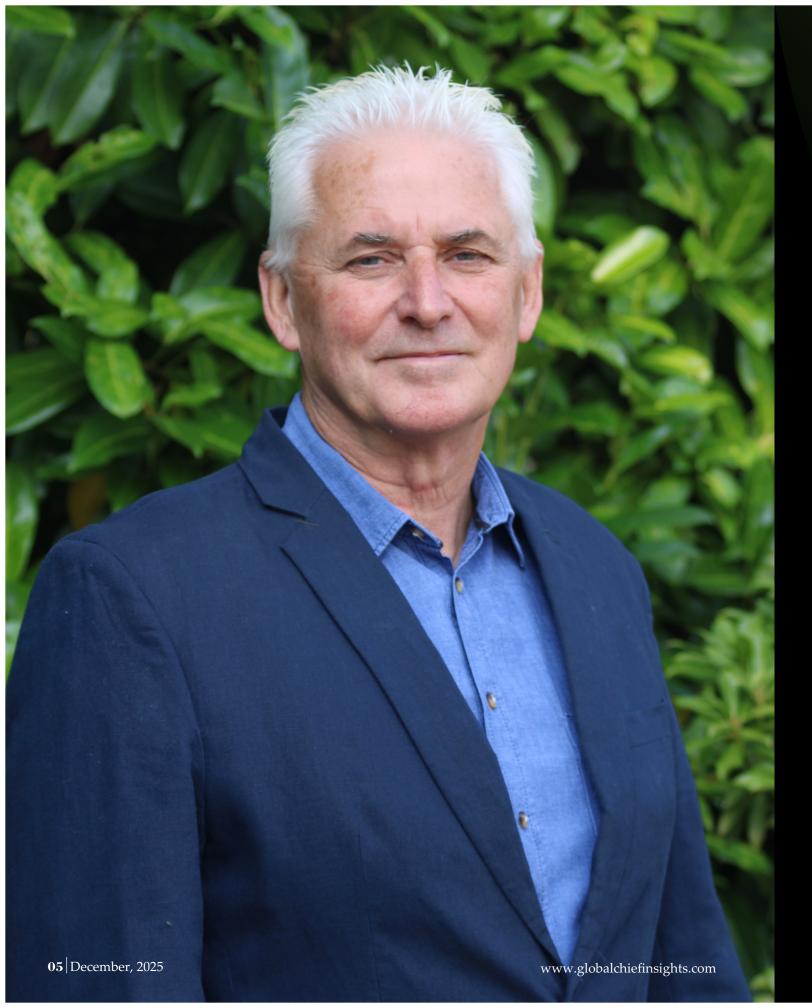
Codegate holds that the old saying *garbage in, garbage out* has never been more relevant. Human data entry is slow, error prone and costly, and they treat it as one of the weakest links in any operational chain. The team builds from a simple belief that the ability to collect trustworthy data automatically and at source underpins every digital transformation initiative. They keep manual input to a bare minimum, and when it cannot be avoided, they lean on bar codes and RFID to optimise accuracy. The more automated the solution, the less process change the client faces. That keeps things simple and familiar while still delivering real-time, highly useful, and accurate digital information.

Life Inside a Company People Rarely Leave

Walk through Codegate's workspace, and it becomes clear why people stay. It feels steady, intentional, and open. The company understands that the culture behind the scenes shapes everything that reaches a client.

Codegate nurtures a relaxed, blame free environment where innovation flows instead of getting halted by rigid processes. They bring everyone as close to

customers as possible through the idea of *my customer, my responsibility*. Employees stay with clients over very long periods, and that longevity turns into deep knowledge, meaningful experience, and, most importantly, trust.

Why Doing Everything In-house Changes the Work

Step behind the curtain of Codegate's development process, and one theme keeps showing up. They hold on tightly to the skills that define them. They believe that is the only way to build systems with the pace and precision clients expect.
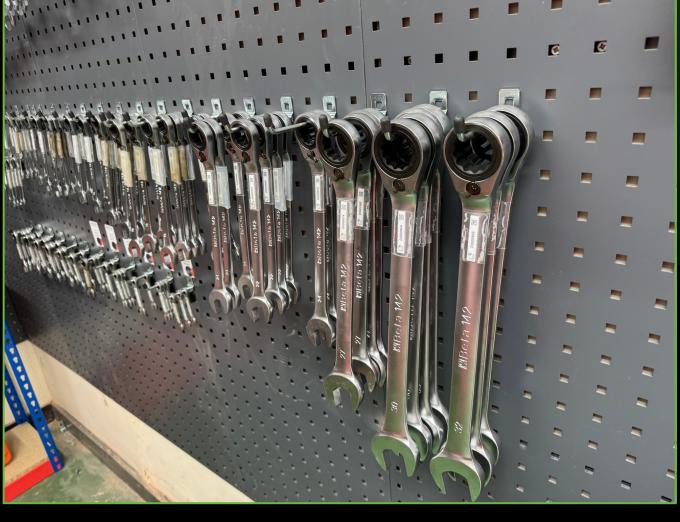
Codegate places high importance on retaining customer applied development skills in house. They

know that third-party involvement can dilute this most valuable asset. When knowledge and experience stay within their own team, development accelerates. That closeness with clients produces solutions that fit more naturally with what is actually needed.

The Energy of Building Across Many Worlds

Codegate's developers move between Windows, Linux, Android, iOS, and embedded systems with a sense of adventure. This variety is not noise for them. It is fuel.

Codegate finds that developers are keen to widen their horizons and embrace new developments. In a small team, sharing expertise matters, because every skill needs reliable backup. A capable resource is always

available if a primary specialist cannot continue as lead. It ties back to their relaxed, blame free culture where innovation is encouraged rather than stifled. The world of sensors and connected things is evolving quickly, and the team sees an almost endless landscape for experimentation.

Building Systems That Withstand the Real World

Warehouses, hospitals, and field sites never promise perfect conditions. Codegate designs with that truth in mind, knowing that reliability begins long before a product ships.

The company treats ISOs and Cyber Essentials as the foundation stones that guide responsible data handling. Many clients rely on on-premises deployments, keeping information behind their own firewalls. By embedding software directly into devices, Codegate ensures that data persists even during power losses or network outages. No data is lost.

Knowing Which Ideas Deserve to Grow

Inside Codegate's workshop of prototypes, some ideas shine immediately, and others fall away. They treat this ebb and flow as a natural rhythm of innovation.

Codegate expects many innovations to fall by the wayside, but they also expect a few to land with impact. Their automated RFID-based *Unmanned Stores* are a clear example. Demand is rising quickly, and the solution is heading into its third iteration,

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proving that plans must evolve to meet more discerning customer needs. They have integrated many RTLS technologies with the Lime asset tracking software. Not all integrations reach customer delivery, but each one expands their experience and keeps the team match fit for whatever arrives next.

What the Field Teaches Them

Spend time with users in real environments, and patterns begin to show. Codegate has learned that some truths only reveal themselves once a system meets the chaos of everyday use.

They have learned the importance of being able to control all aspects of deployed hardware remotely. With direct connection, Codegate often knows about issues before customers do. For on premise deployments, clients receive tools that help them act early and strengthen cyber resilience. The team also sees that most customers do not need full real time location capability. *Last seen here* often delivers a faster return on investment while still providing the essential view of *what it was, who had it, where, and when*. Theft is rarely the problem. Quick recovery from misplacement is what matters.

Curiosity as a Daily Practice

In Codegate's engineering culture, curiosity is not a personality trait. It is a working tool. It shapes how developers think and how ideas evolve.

Encouraging curiosity is a central part of Codegate's DNA. Alongside the no blame culture, it creates room for innovation and for trying new things. The company actively encourages time during the workday to explore new ways of solving old problems. It requires more attention from senior management, but Codegate sees clear value in it.

Helping Clients Understand What Is Possible

Enterprise integration can feel daunting for clients. Codegate handles that dynamic by staying honest about their capabilities and giving clients the clarity they deserve.

Codegate opens every relationship with a *software developer, system integrator*. That phrasing reflects their ability to support practically any level of integration. They never need to push clients toward a narrow path that suits internal limitations. Instead,

they focus on what serves the client best, guided by how much control the client has over their own enterprise systems. Codegate can often adapt where the client cannot, which makes it easier to explain options in a clear, human way.

When Remote Management Quietly Saves the Day

Many of Codegate's strongest stories begin the same way. Something breaks, and the client never even notices.

Remote device management repeatedly allows Codegate to identify issues before customers experience disruption. Their *Unmanned Stores* offer a striking example. If a cellular outage disrupts communication, Codegate works with the provider to resolve the problem while store access continues uninterrupted, thanks to offline backup capabilities built into the system.

Where Codegate Plans to Make Its Mark Next

Automation, AI, and IoT are moving fast, but real transformation happens when these tools are woven together. Codegate positions itself at that intersection.

They are actively embracing developments in IoT, smart sensing, and AI. In their view, the missing link is often the ability to combine these strengths into a single, powerful solution. Many competitors fall short by offering hardware without software, or networks without resilience for harsh environments. Codegate's history in auto ID, software development, and real-world outage-tolerant systems gives them the range needed to keep clients ahead of the curve.

What Codegate Ultimately Stands For

Ask Codegate what defines them beyond software, and they point toward a bridge that many organisations still struggle to build.

They describe their purpose as software development applied to the real world. Many enterprise systems still depend heavily on manual input and other human interfaces. Codegate's middleware bridges the gap between the real world and the digital world,

providing very useful information without adding burdens on employees and reducing the manual input challenges that continue to trouble many corporate systems.

About the Featured Leader:

Graham Fenton has been *Managing Director of Software Developer / System Integrator Codegate Ltd* since 2011. He has 40 years experience in the auto-ID business and for the past 12 years has specialised in RFID deployments within rail, automotive, aerospace and defence. Graham has been active in the development of several RFID innovations, including fully automated unmanned container stores, battery-less BLE sensors and smart picking bins.