

Future Insight

How Levi9 and Future Insight are paving the way for Smarter Cities

Future Insight specializes in developing user-centric SaaS and cloud solutions to digitally transform civil engineering and construction projects. They optimize processes for urban development with the power of big data and AI, including digital twin technology, and open data standards.

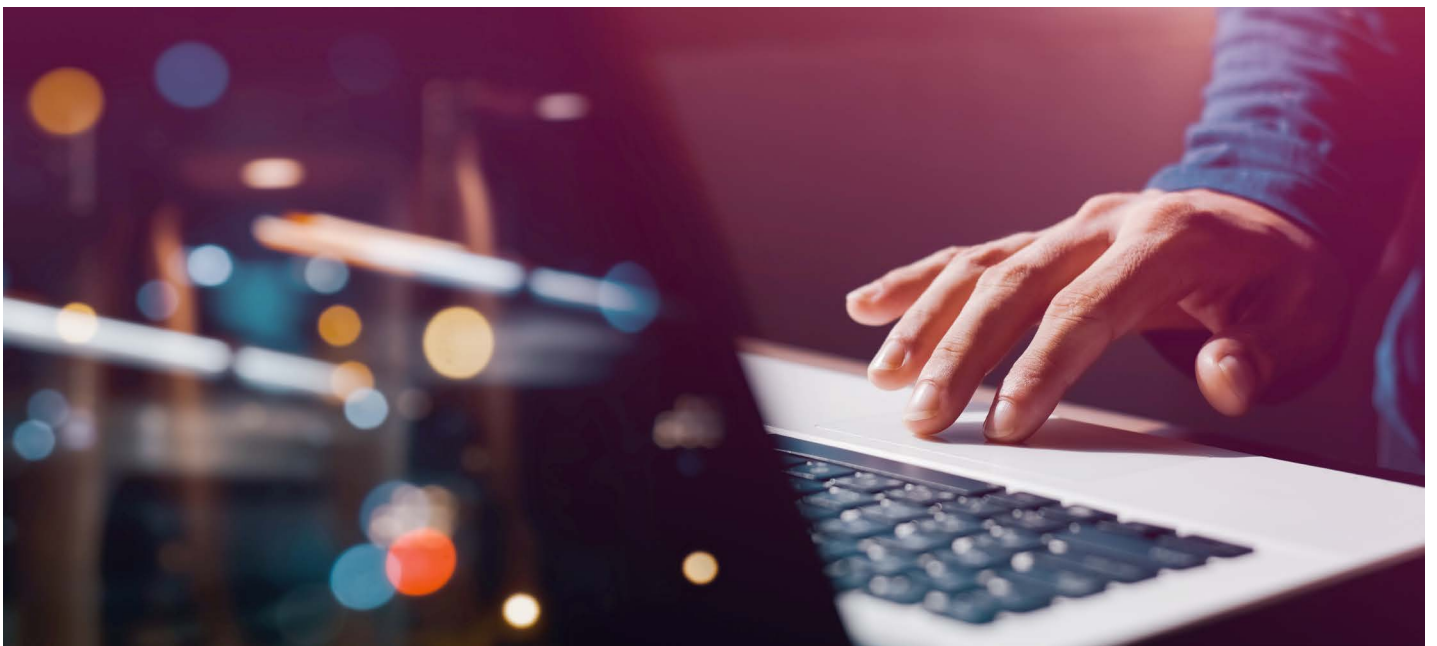
While Future Insight is a visionary company, they lacked a clear roadmap for achieving their goals. They were also a small organization that required more technical capabilities to fully develop their solutions. So, they looked for a partner to bring critical data and development skills to their projects and help them work in a more strategic, process-driven way. In 2021, they formed a partnership with Levi9 that paved their way to success.

“We were looking for a technology partner who really understands us. They needed to not only have technical expertise, but also be able to listen and translate our vision into technology. Further, we wanted someone who could offer us scalable teams, flexibility and, of course, deliver high-quality work.”

Bas Hoorn, Founder & Commercial Director, Future Insight

Creating a strategic roadmap to a visionary destination

With their suite of digital tools – Clearly.Projects, Clearly.BIM, and Clearly.3D-City – Future Insight was already a trusted name amongst engineering firms and contractors in the Netherlands. And yet, they wanted to do more to revolutionize civil projects worldwide. They’re advocates for making urban data securely and ethically accessible. Their vision is to advance the development of [Smart Cities](#) globally by providing governments with a digital ecosystem for urban data, open standards, and commercial services.

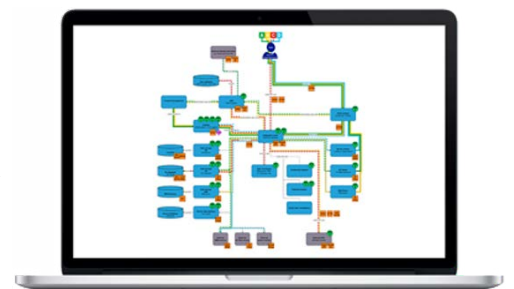


They knew where they wanted to go, but couldn't see the steps to get there. It was clear that they needed to evolve their capabilities in product management, operational processes, and governance. That's why one of the very first challenges we tackled together was creating a more sustainable and strategic organization. We helped them see that, with an agile way of working, they could accomplish even more than they initially envisioned. Then, we designed a targeted, step-by-step approach that turned Future Insight's revolutionary ambitions into achievable goals.

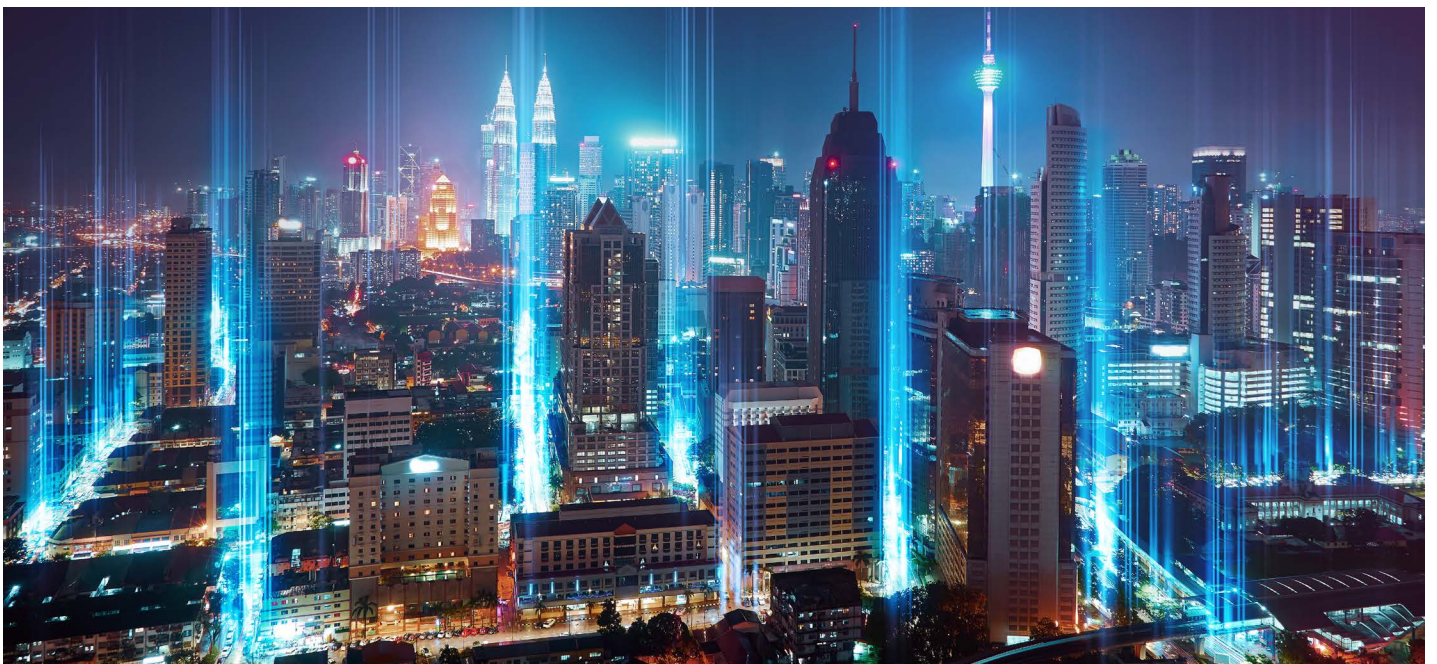
Solving the technical complexities of innovative data solutions

Modern civil development projects leverage and generate a massive amount of data. Digital Twins add to the intensity, requiring advanced data management strategies and infrastructure to handle the increased volume and complexity. As such, Future Insight wanted to ensure they could adapt and support their existing products to meet the evolving needs of end users. One of our first technical objectives was to rebuild parts of the existing digital tools to improve the scalability and flexibility.

Additionally, Levi9's expertise in data aggregation was integral to developing a completely new Open Urban Platform, called the [Clearly Hub](#). A significant aspect of the project was managing and integrating large volumes of data, especially IoT data, for Smart City applications. Our team needed to balance the complexities of integrating various data sources, ensuring security, and adhering to open standards.



The result is a groundbreaking digital ecosystem that enables secure and responsible access to urban data. Governments, organizations and even citizens can use Future Insight's Clearly Hub to create smart applications that improve accessibility, sustainability, health and inclusivity in urban environments. Built with AWS and Azure infrastructure, it's also a cost-effective and flexible SaaS solution that can be adapted according to end-user specifications and local data regulations.



Building a partnership on a strong foundation

At one point during the project, our roadmap started to feel like a roadblock. Future Insight nearly doubled their workforce within a couple of years. As a result, the processes we had originally designed together no longer fit their organization and began causing friction within the project. The key to moving past this barrier was honest communication. So we sat down together and made adjustments to ensure the way of working actually worked for everyone. We listened and learned from each other – which is essential to any good partnership.

This project brought together two very different companies, yet we ultimately aligned our people, processes and technology. Together, we've built a solid partnership on a foundation of trust and mutual respect. We're proud of our technical contributions and the potential for this project to lead to more equitable civil development worldwide.

“Levi9 consistently demonstrates their technical expertise, flexibility and commitment to customer service. After just one year we have a very cool product that really works and has great potential to make an impact globally. If we are able to expand with even more Levi Niners on our projects we can certainly accomplish a lot together.”

Bas Hoorn, Founder & Commercial Director, Future Insight

The results have been a tremendous boost to Future Insight's business. They now have a more structured and efficient operational model that enables them to effectively scale up their products and continue growing their team. The Clearly Hub platform not only enhances their data management capabilities but also positions them at the forefront of digital transformation in urban planning, with the aim of creating a sustainable, open-standard digital ecosystem.

Do you want to know more about how Levi9 can strengthen your projects with technical expertise and our collaborative way of working? Get in touch with us today!

Project keywords:

Digital Transformation

Urban Planning

Government Data Management

Big Data

Cloud Solutions (AWS, Azure)

Digital Twin Technology

IoT

Agile Methodology

IT Governance

Data Aggregation

API Integration

Security and Compliance Standards (ISO, GDPR)

Multi-Cloud Architecture

Open Urban Platform

Sustainability

Smart City Initiatives

Ethical AI

Responsible AI

Data Security

Data Collaboration