

Future-proofing property records management

Cork City Council | *Republic of Ireland*



Industry

- Government & Public Sector

Solution

- Octave Alto Enterprise

Challenges

- Reliance on bespoke 1990s solution
- Compliance and asset management gaps
- Growing property portfolio amid rapid city expansion

Results

- Customized digital Property Interest Register
- Improved data accuracy, visibility, compliance
- Streamlined property transactions and asset management

As Ireland's second largest city, Cork is renowned for being the country's food capital, home to award-winning restaurants and its famous English Market. With a population of 224,004 at the last census in 2022, the city is experiencing significant economic growth and its population is set to grow to over 335,000 by 2040, making it the fastest growing city in Ireland. Cork, as a SMART city with enabled digital services, is an important driver for economic development.

In addition, [Cork City Council](#) is responsible for housing, community services, roads, transportation, urban planning and development, amenities and culture, the environment and emergency services, including the fire brigade. As a twin-university and maritime city, Cork's diversity is key to a vibrant city and thriving neighborhoods that include the towns of Ballincollig, Blarney, Tower and Glanmire and wider hinterland areas.

To streamline and enhance property monitoring and management processes, Cork City Council tendered to fully modernize the records management system, with IMGS being the preferred

bidder, continuing a longtime partnership with Octave, together they constructed a customized solution based on Octave's Alto Enterprise (formerly M.App Enterprise) technology – Cork City Council Property Interest Register (PIR).

Outdated legacy system

Cork City Council faced a challenge managing property records and needed a modern, customized solution in lieu of an obsolete, bespoke software system developed in the 1990s. The older software system could not meet core statutory compliance, asset management and transactional efficiency needs.

With issues mounting, a strategic review commencing in 2019 deemed it crucial to overhaul Cork City Council's property records system.

Development of future-proof system

Cork City Council's main objective was to develop a comprehensive and future-proof system to manage the city's land and

building interests digitally and spatially. The Local Authority required a system that provides a single source of truth for property management, improving statutory compliance, as well as asset management and transactional efficiency and transactional efficiency needs.

Through its work with IMGS, Cork City Council adopted Octave's unified geospatial enterprise platform Alto Enterprise for its comprehensive geospatial capabilities, a high degree of customizability, mobile compatibility and seamless integration with existing systems. Alto Enterprise allows organizations to easily monitor real-world changes, evaluate the impact and act on the results. The PIR was developed with Alto Enterprise.

Streamlined property management system

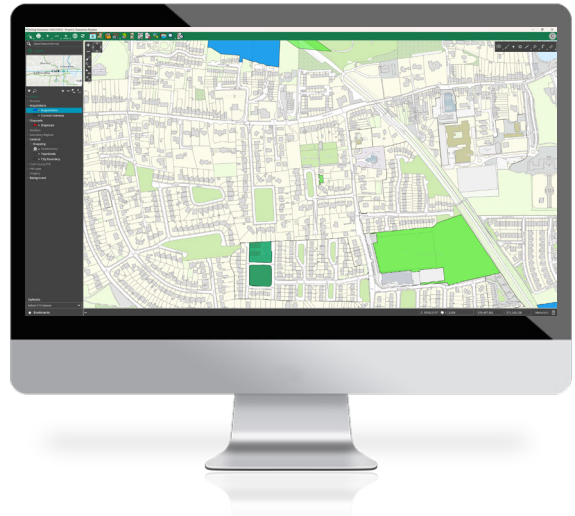
IMGS and Cork City Council developed a comprehensive, three-phased implementation approach that began with identifying the core property portfolio. The accurate capture of property boundaries in map view with styling and legend to provide a single source of truth for the core asset portfolio was the main focus of the project for phase one.

The first step identified properties that required active management and representation in an asset layer. A series of design workshops was held to develop in-built data entry forms for the management of acquisitions, disposals and leases.

The next step focused on the development of a reports module to provide the option to configure additional reports as well as a report on the Council's current interests to identify those properties for which the organization retains a current interest, either freehold, leasehold or other.

Entering historical transactions and ensuring all data layers and titles were comprehensive and up to date for this phase meant Cork City Council can use the PIR to streamline property management, employing custom forms to track property details, ownership, transactions and compliance. Spatial analysis will also offer insight into property distribution and development opportunities, supporting asset management.

Primary users include Property Department staff, who manage records and compliance, and it also benefits property inspectors. Collaboration to integrate data and



The application's dashboards serve as comprehensive analytical tools that enable performance tracking, trend identification and data-driven decision-making.

coordinate activities is supported by IMGS, with information and communication technology (ICT) teams providing technical assistance and customization.

The development of the property management system demonstrates Cork City Council's commitment to innovation and excellence. This project will provide a robust platform for future growth. The integration of advanced geospatial and data management tools from IMGS is a transformation that highlights the power of strategic ICT initiatives in driving public sector improvements.

Improvements in efficiency, accuracy and statutory compliance

The PIR enhances property management for Cork City Council and will enable cross-departmental collaboration and comprehensive data management. Its adoption has already streamlined processes, and as usage deepens, further efficiency gains are expected.

As Cork City grows or regulations change, the PIR can adapt without a system overhaul, ensuring long-term relevance. This digital transformation positions the council to meet modern urban challenges.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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