



QUARTERLY AWARD WINNERS

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BGIS ➤



WINNER(S): FRANCIS PELLETIER
BUSINESS UNIT: PROFESSIONAL SERVICES
CORPORATE VALUE: DELIVERING MEMORABLE CUSTOMER EXPERIENCES

SITUATION: Infrastructure Ontario (IO) implemented a new Asset Management Information System (AMIS), requiring all partners, including the BGIS ARM team, to transition to the updated platform. However, the AMIS system was still under development and lacked several key functions needed for the ARM team's deliverables. At the same time, the team faced increasing complexity in integrating data from multiple systems — including RealSuite, RealProperty, RealCondition, Vault, PMWeb, and Kahua — to produce detailed and comprehensive reporting. This created a significant operational challenge and risked delays in critical deliverables.

ACTION: To bridge the functionality gap and meet immediate project needs, Francis developed a custom internal tool that automated the data extraction, integration, and preparation process. The tool pulls relevant information from AMIS and all supporting platforms into a unified format for report writers, drastically simplifying and accelerating the reporting workflow.

The development included:

- Establishing a clear roadmap illustrating the digital ecosystem from both IO and BGIS perspectives
- Developing a digital file architecture on the X drive (Master File Structure with BBAR classification folders)
- Designing a scalable user interface
- Building a modular and scalable VBA coding infrastructure
- Identifying key data dependencies and creating conventions to manage interaction with both BGIS data systems (like Real Suite) and IO databases (such as ARCADIS), effectively delineating roles and responsibilities across platforms.

RESULT: The internal tool has significantly reduced the manual effort and time required to compile and integrate data from diverse sources, enabling the ARM team to meet deliverable timelines with improved accuracy and consistency. It enhanced collaboration across workstreams and ensured alignment with both IO and BGIS systems despite ongoing development in AMIS. The solution has proven scalable, with potential for broader adoption across similar teams or projects. This innovation not only solved an immediate operational challenge but also laid the foundation for a more integrated, efficient, and sustainable digital reporting ecosystem.