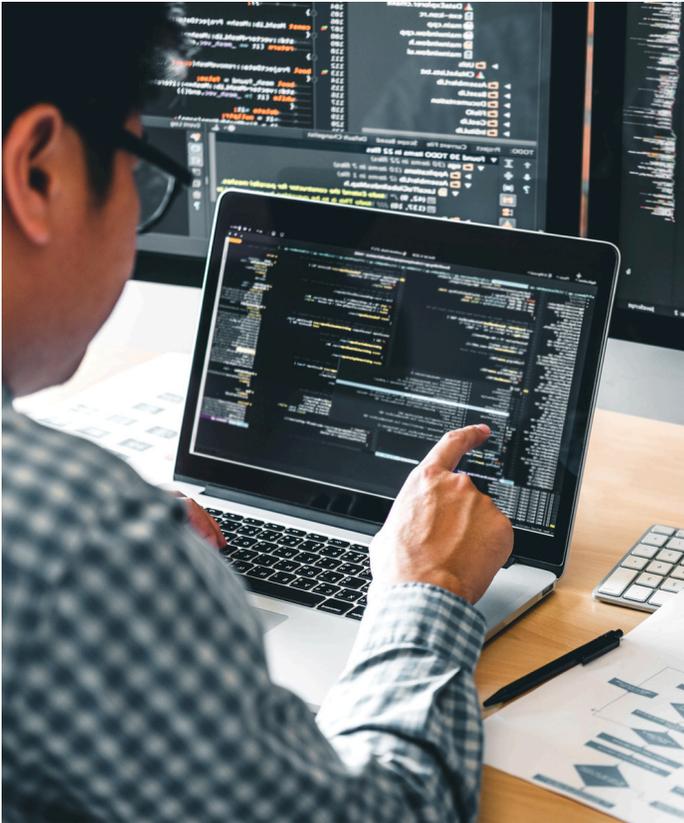


Profound AppDev: A Comprehensive Suite for IBM i Futurization



High-Level Overview

Profound AppDev is a robust, integrated suite designed to help businesses modernize their IBM i applications without requiring extensive redevelopment or specialized technical skills.

It provides a complete set of tools that is accessible for IT teams of varying skill levels, enabling them to transform legacy systems and create modern applications that drive business processes and support strategic goals.

By combining rapid UI modernization with advanced development capabilities, Profound AppDev enables development teams to modernize applications faster and with less risk, allowing businesses to respond more effectively to changing market demands and operational needs.

The Complete Toolkit for IBM i Innovation

Streamlined Navigation with Atrium

Provide users with a modern, web-based menu system that unifies access to all your applications

Instant UI Transformation with Genie

Transform green screens into modern web interfaces without changing your underlying code

Development with Profound UI

Create responsive applications with our comprehensive UI development platform

Modern Application Logic with Profound.js

Build powerful, web-based, Node.js applications with our low-code development environment

AI Enable Your Apps with Profound AI

Build AI agents using your favorite LLMs to take your business applications to the next level



Futurization Acceleration through Multiple Approaches

Profound AppDev is designed to streamline modernization through a suite of integrated tools. The suite includes Genie for instant green-screen transformation, Profound UI for advanced interface development, Profound.js for modern application creation, Atrium for unified navigation and the Profound AI Starter Kit.

This comprehensive approach reduces the time and resources traditionally needed to modernize legacy applications. For example, developers can use Genie to instantly web-enable existing screens, while leveraging Profound UI's rich widget library for more sophisticated interfaces and use Profound AI to add powerful AI agents to Genie and Profound UI in a matter of minutes. These tools can be used individually or together, enabling developers to create modern user experiences without rebuilding entire systems from scratch.

By accelerating modernization timelines, Profound AppDev enables businesses to transform their legacy systems faster, respond swiftly to user demands, and continuously improve applications with minimal disruption.



Coexistence Designed for Business Continuity

Profound AppDev offers a unique coexistence strategy that enables organizations to modernize their IBM i applications while maintaining seamless integration between legacy and modern systems. Through its comprehensive suite of tools—including Atrium's web-based portal, Genie's instant screen modernization, and advanced development capabilities in Profound UI and Profound.js—organizations can modernize at their own pace without disrupting critical business operations.

The platform's integrated approach allows companies to transform individual components or entire applications while preserving existing investments in IBM i technology. This flexibility, combined with a unified user experience across both legacy and modernized systems, creates a practical path to digital transformation that minimizes risk and maximizes stakeholder acceptance while ensuring business continuity throughout the modernization journey.

Business Impact of Integrated Development Tools

Profound AppDev brings significant business advantages through its integrated suite of tools, including:

- **Skill Leverage:** The suite supports both traditional RPG developers and modern web developers, meaning organizations can maximize existing talent while gradually introducing new technologies.
- **Comprehensive Coverage:** As an integrated suite, Profound AppDev provides all necessary tools for modernization, reducing dependency on multiple vendors and helping cut operational expenses.
- **Flexible Implementation:** Organizations can choose which components to implement first, enabling them to prioritize high-impact areas and achieve quick wins while planning for longer-term modernization.

Installation Prerequisites



Profound AI, Profound.js and Profound API:

Operating System (any currently support version of):

- Windows
- macOS
- Linux
- IBM i

Node.js

- Version 18 or newer LTS release
 - LTS releases are even-numbered versions

For Genie, Profound UI, and Atrium:

IBM i operating system:

- Version 7.3 or newer required
- No additional prerequisites specified



These components are part of the comprehensive Profound AppDev suite, designed to work together

seamlessly while allowing for flexible deployment options across different platforms.

Multi-Technology Flexibility

Profound AppDev provides support for multiple technologies, allowing applications to leverage both traditional IBM i capabilities and modern web technologies. This flexibility is crucial for businesses as it ensures that applications can be modernized without sacrificing existing investments in IBM i systems. By supporting multiple development approaches, Profound AppDev allows businesses to modernize applications across their organization seamlessly, optimizing development workflows and reducing costs associated with complete rewrites. This adaptability means businesses can make the most of their existing skills and infrastructure while gradually adopting modern technologies.

Futureproofing with Scalable and Adaptable Solutions

In today's rapidly evolving technology landscape, businesses need solutions that won't become obsolete as new tools emerge. Profound AppDev is built to scale and evolve, meaning applications modernized today can grow as business needs change. For example, if a business decides to expand its user base, integrate new technologies, Profound AppDev can adapt to support these changes without requiring a complete redesign. This adaptability reduces the risk of technology obsolescence, preventing costly re-engineering and ensuring that applications remain relevant and functional for years to come.

Conclusion

Profound AppDev is more than just a modernization toolkit—it's a strategic investment for businesses seeking to transform their IBM i applications while maintaining operational stability and efficiency. By enabling rapid modernization, supporting a coexistence approach, and leveraging both traditional and modern technologies, Profound AppDev empowers businesses to innovate faster and with greater confidence. Its adaptability and future-proof design position it as a long-term asset, helping businesses save on operational costs, reduce modernization risks, and set a foundation for sustained growth and scalability in a competitive market.