



YXT Completes AI-Native R&D Transformation , Enters a New Stage as an AI-Native Enterprise

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Radnova Intelligent Technology (NASDAQ: YXT) recently announced the completion of a comprehensive AI-native transformation of its research and development (R&D) system, enabling AI to drive the entire software development lifecycle—from requirements analysis and system architecture design to code generation, testing, validation, deployment, and iterative improvement.

Rather than serving as a coding assistant, AI now serves as the primary implementation engine throughout Radnova's software development process. Developers are shifting from writing code to defining structured software specifications, exercising business judgment, and making critical decisions. At the same time, the company has built an ontology-based enterprise knowledge base based on 15 years of accumulated product knowledge and domain expertise, enabling AI to reason over complex business logic and continuously evolve alongside the company's software platform.

"The transformation of the software industry is not about adding another AI capability to the development process—it's about fundamentally redefining how software is engineered," said Peter Lu, Founder and CEO of Radnova Intelligent Technology.

"Our AI-native R&D transformation is far more than a productivity initiative. It transforms years of engineering expertise, business logic, and product knowledge into organizational assets that AI can understand, operationalize, and continuously evolve. This provides the technological foundation for our Intelligent Productivity strategy and positions Radnova to build the next generation of enterprise software for the AI era."

AI-Native Is More Than AI-Assisted Development

For years, AI coding has primarily been applied to code completion and development assistance, where humans remained responsible for software development while AI acted as a supporting tool.

Radnova's transformation represents a fundamentally different approach. The company has redesigned its entire software development lifecycle around AI through an AI-driven Software Development Lifecycle (AI-SDLC) and a Spec-Driven Development (SDD) framework. Product requirements, technical designs, business rules, and testing standards are transformed into structured specifications that AI can understand and use to generate implementation artifacts. AI now participates throughout the development process—from requirements analysis and code generation to testing and validation—while engineers focus on defining specifications, reviewing outputs, ensuring quality, and making strategic decisions.

Equally important, Radnova has established an ontology-based enterprise knowledge base, transforming years of accumulated software code, business rules, engineering methodologies, and product expertise into structured digital assets that AI can continuously learn from and apply.

According to the company, for enterprise software developed over 15 years and comprising more than 40 million lines of code, the real challenge is not generating code—it's enabling AI to understand complex business logic, historical architectural decisions, and business context. The ontology-based enterprise knowledge base enables AI to build upon this accumulated knowledge, marking a critical transition from AI-assisted development to AI-driven software engineering.

AI-Native R&D Is Reshaping Long-Term Enterprise Value

The value of an AI-native R&D system extends far beyond development efficiency. It fundamentally changes how enterprise software is created and scaled.

First, enterprise knowledge, engineering standards, and development methodologies become standardized, reusable assets that can be continuously reused, scaled, and improved with AI assistance.

Second, Radnova's deep industry expertise—accumulated through more than a decade of serving thousands of medium-sized and large enterprise customers—is being transformed into AI-readable knowledge assets through its ontology-based knowledge base. This creates a sustainable competitive advantage by allowing enterprise knowledge, augmented by expert expertise, to drive continuous product innovation.

Third, the company's R&D organization is entering a new phase of higher productivity and greater operating leverage. As AI assumes an increasing share of execution tasks, engineering teams can devote more resources to product innovation, customer needs, and strategic decision-making. This enables faster product iteration, more efficient resource allocation, and stronger long-term capital efficiency.

More importantly, the AI-native R&D system serves as the technological foundation of Radnova's Intelligent Productivity strategy. The transformation of R&D is only the first step. The company plans to integrate AI capabilities into products, business processes, organizational operations, and enterprise knowledge management to help customers build intelligent organizations powered by both people and AI.

From Digital-Native to AI-Native: A New Technological Paradigm for the Software Industry

For the past two decades, Digital-Native paradigm defined how software companies built products. Today, advances in foundation models are driving the industry toward an AI-native future. In this new paradigm, code generation and maintenance are increasingly AI-assisted, while structured specifications become the primary collaboration interface for collaboration between humans and intelligent systems. Competitive advantage will shift away from software features alone toward enterprise knowledge, AI engineering capabilities, and continuously evolving software development systems.

Radnova believes AI coding is only the beginning of the AI-native era. Tomorrow's software companies will compete not only through the products they build, but through their ability to continuously manage enterprise knowledge, orchestrate AI agents, and build intelligent software development capabilities.

With the successful completion of its AI-native R&D transformation, Radnova has entered a new stage as an AI-native Enterprise. For enterprise customers, this means faster product iteration and faster enhancement of AI capabilities. It also means that Radnova can gradually transform these methodologies into scalable AI-powered productivity solutions, helping enterprises become AI-native organizations.

Looking ahead, the company will continue advancing its Intelligent Productivity strategy by integrating AI across product development, organizational operations, and customer-facing solutions—helping enterprise clients unlock the next generation of productivity.