


Synergy System: An AI-Powered Systems Development Platform




Automation has revolutionized manufacturing, and it's time for software systems development to benefit from advanced automation.

Synergy System: An AI-Powered Systems Development Platform



Streamlined Software Systems Development

- Highly automated
- Advanced methods, including artificial intelligence (AI)
- Faster, cost-effective, future-ready solutions
- Outperforms manual software development techniques
- Leverages AI, replaces source code, reduces costs


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Synergy System is a highly automated development platform that streamlines the building and operation of software applications across government and industry. By leveraging AI and cutting-edge methods, Synergy System can ensure faster, more cost-effective, and future-ready software solutions for digitally transforming organizations. The current landscape of software applications for large organizations is plagued by high costs, slow development, and limited flexibility, mainly due to common techniques in software development that require manual work such as writing specifications and creating source code. Synergy brings the power of AI to software engineering to streamline systems development, supplant source code, and dramatically reduce costs.

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Synergy System Transforms Systems Development

- A mature technology
- Automation replaces slow, manual methods
- Continuous delivery, any size app, single platform
- Knowledge-Driven Specifications (KDS): Digital objects supplant source code
- AI engine interprets KDS instructions for efficient execution

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Synergy System is a result of a ten-year invention cycle. Synergy has created and operates complex enterprise Software-as-a-Service across multiple business lines. What sets Synergy System apart is its automation-driven approach that replaces slow, manual, costly methods with efficient processes. Its DevSecOps methodology facilitates software program organization and continuous delivery of any size application on a single platform. A groundbreaking invention, the "Knowledge-Driven Specification," or KDS, is a generic model of how any software process works. It serves as a standardized, structured digital object containing instructions that supplant traditional source-code. The KDS is a paradigm shift, a new way of capturing software processes and functions without manual programming. At runtime, an AI engine, also our invention, interprets the unique KDS file, directly translating instructions into a machine language virtual program, and eliminating the need for time-consuming compiling processes.

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Unleashing the Power of AI-Interpreted KDS

- Big time and cost savings for complex orgs
- E.g., Vibizon Technology ViCare Telehealth solution built by Synergy System
- Traditional approach: 20 million lines of source code
- Synergy System approach: <1 million lines of alternative instructions embedded in Knowledge-Driven Specifications
- 2022 Top Telehealth Solutions Provider

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Synergy presents a significant time and cost-saving opportunity for complex businesses and government organizations, where many old software systems require upgrading or replacement. For example, Vibizon Technology, an Atlanta-based software company, leveraged Synergy to create ViCare, a comprehensive telehealth solution. Unlike traditional approaches that would have required an estimated 20 million lines of source-code, Synergy developed ViCare with less than one million lines of alternative instructions embedded in Knowledge-Driven Specifications. ViCare showcases the remarkable efficiency and innovation brought about by Synergy System, earning Vibizon Technology recognition as a top telehealth solution provider in 2022.

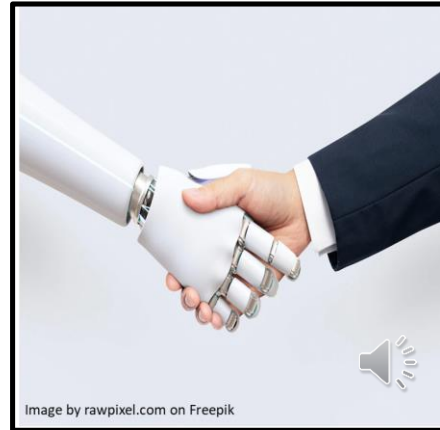
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Synergy System AI-Powered Systems Development

- No comparable solution in the software engineering marketplace
- Synergy System: A synchronized, automated SYSTEM for software application development employing advanced methods and technologies
- Not a common tool-set-based platform
- Not an unsynchronized low code/no code solution
- Not a chatbot generating source code



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As the most highly automated development platform in the software engineering marketplace, Synergy System excels in creating and operating smart cloud-based enterprise business applications for complex organizations. Synergy System offers a comprehensive, highly automated SYSTEM for software application development, unlike tool-set-based platforms such as SAP Business Objects, Pega, Microsoft Power Apps, Quickbase, and OutSystems that rely on manual assembly by a programmer. Low-code/no-code solutions lack synchronization and still generate or manually produce source-code. While generative AI chatbots show potential in creating functional source-code, they are far from producing operational enterprise software products.

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Synergy System
An Automated, AI-Powered
Systems Development Platform

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