

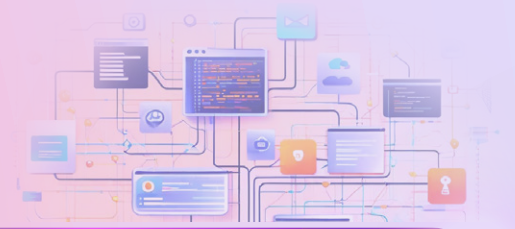


OmniDev AI: End-to-End SDLC, Orchestrated by AI for Speed

From intent to execution — software delivery
re-imagined with intelligence at every step.



When Intent Loses Shape



Software delivery often loses momentum between intent and execution. Requirements drift, handoffs create delays, and manual interventions increase risk. The original business signal weakens before it translates into measurable outcomes.

Meet OmniDev AI The Core Engine of Delivery

AI that captures the signal of business intent and preserves it across every stage of the SDLC.

OmniDev AI is the accelerator for software delivery — carrying business intent through planning, coding, testing, deployment, and beyond. With copilots, predictive intelligence, and automation at its core, it removes friction, speeds up execution, and strengthens reliability. What begins as a business signal is preserved and amplified into measurable impact at every stage of the lifecycle.

HTC MAiGE

OmniDev AI is a component of HTC MAiGE, our enterprise AI platform that unifies modular intelligence, data, and automation. HTC MAiGE creates the foundation for enterprise-wide adoption, ensuring that accelerators like OmniDev AI integrate seamlessly, scale responsibly, and operate within secure and governed environments.

Intelligence Across Every Stage



Where every step of the lifecycle gains its AI edge.



Plan

- Natural language requirements gathering
- AI-generated user stories, BRDs, and roadmaps
- Effort estimation and resource allocation



Build

- AI-assisted programming & pair coding
- Automated reviews, refactoring & documentation
- Dependency management & software composition analysis



Test

- LLM-powered test case generation
- Synthetic test data creation
- Automated defect detection & self-healing
 - API testing & compliance validation



Launch & Scale



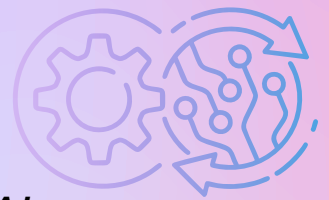
- Dynamic environment provisioning
- DevSecOps automation & self-healing
- Predictive deployment failure alerts & rollback
- Root cause analysis & event correlation for proactive monitoring

Operate & Manage



- AI-based ticketing & incident response
- Predictive maintenance & knowledge-powered assistants
- Intelligent release orchestration & audit readiness
- Success prediction using reinforcement learning

AI Synergy Better Together



IDE assistants accelerate coding, while OmniDev AI orchestrates the SDLC.

Code Assistants

Boost developer productivity with real-time guidance, debugging, and learning support.

OmniDev AI

Powers enterprise SDLC with planning, testing, engineering, and DevOps automation.

Together

A complete AI ecosystem, uniting desk-level speed with enterprise-wide intelligence.

Use Cases in Motion

Turning requirements into validation with speed and accuracy.

Capture User Stories



Collect testing needs in natural language.

Generate Test Cases



LLMs create scenarios automatically.

Extract Data Requirements



Identify critical data elements.

Generate Synthetic Data



Produce realistic test data with AI.

Validate & Integrate



Ensure accuracy and test readiness.

Result: Faster test cycles, reduced manual effort, and higher coverage.

The **Future Unfolds**

From vibe coding to autonomous development, the signal only grows stronger.

Autonomous Code Evolution

self-optimizing codebases

Predictive Development

requirements anticipated before they're stated

Distributed AI Agents

specialized AIs collaborating across SDLC

Conversational Architecture

system design through natural language

AI doesn't replace developers — it removes repetition, amplifying creativity, strategy, and business impact.

Reimagine software delivery **with OmniDev AI.**

About **HTCNXT**

HTCNXT is an enterprise AI solutions division reimagining customer experiences and outcomes. We combine disruptive technologies, deep domain expertise, and our purpose-built data and AI platform, HTC MAiGE, to accelerate AI-led transformations for enterprises.

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