

AI & DIGITAL CONSTRUCTION

CONNECTING THE DOTS

*When Technology Moves 100× Faster Than the
Industry Can Absorb It*

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How are you feeling today?

- *A new model came out...*
- *Claude is outperforming ChatGPT...*
- *Deep Seek deployed a new open source model...*
- *Agentic AI workflow will revolutionize every sector...*
- *Claude Code team said they will replace developers in a few months...*
- *A start asking myself we can develop this internally...*

First coffee of the morning



After a great project meeting



Reading the project risk register



Trying to keep up with AI news



Projects aren't failing because of bad software.

*They're failing because of something else
entirely.*

**Too many tools...and with AI making simpler to code...even more internal
tool to come...**



What is the right tool we should use?

None. We have enough tools.

So what is the real problem?



The REAL PROBLEM

*None of them talk to each other.
They are siloed within their domain.*

The problem isn't the tools. It's that they were never designed to work together.



From 4.0 to 5.0 - what changed

INDUSTRY 4.0

From technical level

- IoT & automation
- Smart manufacturing
- Data collection & dashboards
- Efficiency & output
- Machines doing tasks

INDUSTRY 5.0

To human level

- Human centricity
- Emotional intelligence
- Cooperation & open innovation
- Sustainability as design constraint
- Humans + AI as partners

"Agentic AI will bring technical capabilities. Humans will bring emotional intelligence and human centricity that no machine can replicate."



The professionals 5.0

01

Human Centricity

Emotional intelligence, strategic judgment, gut feeling - what AI still cannot replicate.

02

Sustainability

Not a checkbox. A core design constraint inseparable from project performance.

03

Resilience

Leadership is now distributed. The PM is no longer the single point of control.

"Humans bring creativity and emotional intelligence. Machines bring knowledge at scale."

From Static to Dynamic Projects

Today

Static Gantt

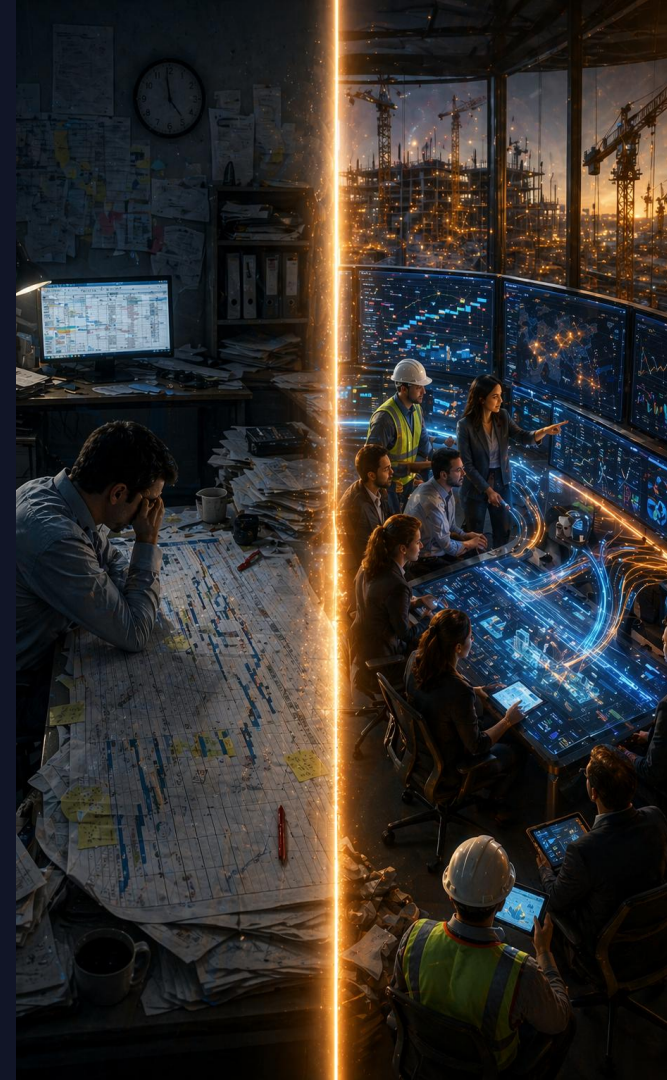
- Updated monthly by a specialist
- Siloed data across tools
- PM as sole decision hub
- Reactive risk management
- Updated monthly by a specialist

Tomorrow

Living Gantt

- Real-time, AI-assisted updates
- Dynamic risk & supply chain
- Unified across all tools
- Networked, distributed leadership
- Proactive, predictive intelligence

"The Living Gantt is not a feature - it is a completely different way of thinking about time, risk, and control on a construction project."



Four tensions where most organisations get stuck

Organisational resistance



Adaptive governance



01

Static projects



Dynamic projects



02

Competition



Cooperation & Open innovation



03

Build your own GPT



Purpose-built AI platform



04

"Organisational resistance is the main problem - not budget, not technology."



The question isn't whether to adopt AI.

*It's whether your organisation can move
faster than the technology.*

Audit your governance model

Invest in your people's adaptability

Standardise your AI before it standardises you



Christian Pallaria

Founder at WisyPlan | Driving innovation |
Strategy | Executive MBA | PMP

