



SAP S/4HANA Public Cloud go-live in just **5 months**

We call it
implementation
at the speed of
business



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The Manufacturer, a greenfield ammonia-urea producer in Australia, partnered with Nihilent to deploy a clean-core SAP S/4HANA Public Cloud solution across eight legal entities in five months.

Service	Enterprise Digital Transformation / ERP & Cloud Advisory
Vertical	Chemicals & Fertilizers (Manufacturing)
Region	Australia & India
Tech Stack	SAP S/4HANA Public Cloud (GROW), SAP PM, SAP BTP, Market Rate Management (MRM) with Refinitiv, SAP Multibank Connectivity

Client Overview

The Manufacturer is building a low-emission ammonia-urea plant (Urea 6200MT per day two trains and Ammonia 3500 MT per day capacity) in Western Australia, set to be one of the largest urea manufacturing setups in the country. The enterprise is structured across eight legal entities in Australia and India, designed from the ground up to operate at scale with a strong focus on efficiency, reliability, and integrated operations.

Business Challenges

Building a global manufacturing enterprise from scratch means the client needs a digital core ready from day one, alongside its new plant, with no room for technical debt. Three challenges defined the brief:

01

A New ERP, Built for a New Plant

As part of setting up its new plant, the client needs to build a new ERP system across all functions (finance, HR, and supply chain) spanning two countries. Every process and configuration decision needs to be right the first time, with no room to revisit.

02

Multinational Compliance

Operations across Australia and India require navigating two regulatory environments, tax regimes, and reporting requirements simultaneously from go-live.

03

Volatile Market

Fertilizer pricing moves with global commodity indices. Without real-time rate integration, procurement and export decisions would be made on stale data in a market where margins shift daily.

How Nihilent Addressed This

Nihilent deployed a cross-functional SAP team to design and deliver a greenfield S/4HANA Public Cloud implementation built for the chemicals and fertilizers industry.



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Industry-Ready Configuration, Not Custom Code

Nihilent used SAP's preconfigured best practices for fertilizer manufacturing, covering logistics, by-product costing, and production planning. This kept the architecture clean and ensures every future SAP update lands without disruption.

Real-Time Market Rate Management

SAP MRM with Refinitiv subscription pricing automates the import of live commodity rates into financial workflows. Pricing decisions are now grounded in real-time market data.

Simplified Treasury Through Multibank Connectivity

SAP Multibank Connectivity is replacing multiple point-to-point bank integrations with a single interface, delivering real-time cash visibility and payment status.

Plant Maintenance and Asset Reliability from Day One

SAP PM has been implemented as a core component from day one, enabling proactive maintenance scheduling and asset reliability tracking across the plant.

BTP-Enabled Extension Without Core Compromise

Where the standard solution needs to flex, Nihilent is using SAP BTP for side-by-side extensions, keeping the core clean while isolating any customizations from upgrade risk.

Key Results & Outcomes

05

Months

Full
greenfield
implementation

08

Legal entities

integrated
across AU & India

06

Modules

End-to-end
SAP coverage
deployed

100%

Clean-core

architecture
maintained

01

Greenfield SAP S/4HANA Public Cloud implementation completed in five months, covering Finance (FI/CO), Procurement (MM), Supply Chain & Logistics, Plant Maintenance & Asset Management, Sales, and Quality

02

Eight legal entities, across Australia and India, brought live under a single, integrated digital platform, enabling integrated, real-time business operations

03

Real-time commodity market rate feeds embedded directly into financial workflows, eliminating lag between market movement and business decision



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04 Single banking integration layer replacing multiple point-to-point connections, delivering live cash visibility and payment tracking

05 Clean-core architecture maintained throughout, ensuring the client inherits every future SAP quarterly update without remediation overhead

06 Real-time production and cost visibility across the plant, giving operations and finance teams a live view of performance without manual reconciliation

07 Scalable BTP extension framework in place, ready to absorb AI, analytics, and automation capabilities as the business grows

08 Application Management Services (AMS) engagement in place post go-live, ensuring continuity, optimization, and support as the business scales



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Key Takeaway

The client isn't migrating away from a legacy system. It is building a new ERP platform in step with its new plant, using best practices as the baseline for a platform built to scale.

For Australia's manufacturing sector, a greenfield plant of this size going live on an integrated digital core in six months is a defining moment.

If you are building a new operation, or ready to replace a patchwork system, the question is not whether SAP S/4HANA Public Cloud is the right platform.

It is how quickly you want to get there.



Talk to a Nihilent SAP specialist today.



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ABOUT NIHILENT

Nihilent is a global consulting and IT services company with 25+ years of experience making technology work for the people it is meant to serve. Across AI-led enterprise transformation, cloud ERP, data and analytics, and digital automation, we deliver outcomes that are adopted, trusted, and built to last.



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