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Infor CloudSuite Chemicals

A cloud service to help chemical manufacturers manage
their critical business processes

Chemical industry functionality powered on the cloud

Designed to provide an unmatched user experience, Infor CloudSuite™ Chemicals delivers industry-specific capabilities to support core business processes by combining the Infor® cloud platform built on infrastructure services from Amazon Web Services® (AWS®) and Infor OS. With CloudSuite Chemicals, you always have access to the latest innovation without the need for major upgrades.

Infor CloudSuite Chemicals enables global business, networked analytics, and a user experience that can be augmented by artificial intelligence, so organizations can:

- Stay current on the latest versions of their software.
- Provide users with access on any device anywhere.
- Scale cloud services to handle usage peaks and valleys.
- Reduce total cost of ownership and capital investment.
- Integrate cloud and on-premises applications with pre-built APIs.
- Connect data across cloud and legacy applications for enterprise insights.
- Democratize analytics for better decisions.

Keep current and connected, leverage powerful functionality, and optimize critical business processes with Infor CloudSuite Chemicals.

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The right ingredients for speed, agility, and growth

Infor CloudSuite Chemicals has all the right ingredients to help chemical manufacturers overcome the business challenges unique to you—such as planning of co-products and by-products, tank scheduling, seasonality, attribute costing, regulatory compliance, and quality. This complete, yet flexible service offers deep, proven, industry-specific end-to-end capabilities for every critical process. Here's a closer look at the capabilities you get when you choose this innovative platform to power your business transformation.

Core CloudSuite Chemicals service

- Take advantage of a single, global service that empowers chemicals manufacturers across every department, every site, and every country. The core enterprise resource planning (ERP) capabilities within CloudSuite Chemicals deliver everything chemicals companies need, including procurement, warehouse and inventory management, manufacturing, plant maintenance, quality management, sales, and finance. It also includes support for shelf-life; yield; reverse bill of materials; attribute management, catch weight, and more.

Technology platform

- Leverage CloudSuite Chemical's innovative, core technology service to enable seamless integration between systems, a unified user experience across all applications, organization-wide visibility into real-time data, and user collaboration.

Business intelligence and analytics

- Harness the power of chemicals-specific business intelligence (BI) and a business analytics service that can understand and optimize complex processes in less time than traditional BI solutions. Using patented automation and machine learning technologies, Infor's "networked BI" service connects teams and applications across the enterprise via a trusted network of analytics and insights to inform smarter decisions.

Implementation Accelerator for Chemicals

- Get up and running quickly with pre-configured business processes and data models, user-defined menus, and chemicals-specific training guides so your users can be productive faster, operate smarter, and learn how to take advantage of efficient process flows across your supply chain.

Optional capabilities

Optional services that enhance and extend Infor CloudSuite Chemicals are available for additional subscription fees. Contact your sales representative for more information. Users can extend the core service with pre-built integrations using Infor technology, including:

Product lifecycle management

- Reduce the amount of time needed to develop and manage new and reformulated products. Ensure raw material compliance, respond to customer demands, compensate for current raw material availability, and meet new specifications at optimal costs. With a PLM tool that promotes collaboration across your organization, you'll foster greater and faster innovation, while improving enterprise-wide visibility.

Lot traceability

- Provide a powerful combination of visual batch representation and robust search capabilities. Easily trace backward from end products to identify potentially contaminated raw material lots and forward to determine the potential consequences of product issues. You can also quickly generate customer recall lists to identify affected end products.

Warehouse mobility

- Automate common processes in the warehouse and on the production floor, ranging from goods receiving, pick and pack, dispatch, inventory transfers, physical inventory counts, and manufacturing order reporting. Enable users with real-time data to immediately respond to important tasks while enhancing inventory accuracy and end-to-end traceability.

Production scheduling

- Balance the conflicting objectives of avoiding stock outs vs. being left with excess inventory while meeting customer orders on time and in full. The powerful, mid- to short-term planning and scheduling tools help maximize throughput and minimize changeovers.

Demand planning

- Improve delivery performance, reduce excess finished goods inventory, and avoid product obsolescence. With automated forecasting that uses mathematical forecasting models, you can create and compare different forecasting methods using standard formulas. Dynamic grouping and data aggregation allow you to create and distribute improved demand and forecast versions. And with favorite views and exception management, your forecasters can filter and group data.



Additionally, CloudSuite Chemicals includes these optional horizontal add-ons:

Enterprise analytics

- Provide more personalized metrics for roles or individual users who need to create their own KPIs, or create or edit metrics. It also provides more enterprise data for users that need to blend data across Infor applications or third-party applications.

Document capture

- Process documents like supplier invoices digitally, intelligently classifying them and extracting data. The documents and data can then be processed in CloudSuite Chemicals using appropriate business logic.



Why Infor CloudSuite Chemicals?

Some of the business drivers facing chemical manufacturers today may seem like the same challenges the industry has been fighting for years, but the specifics have evolved, requiring you to take a fresh look at your business and core competencies in order to determine the best path for the future.

Using Infor CloudSuite Chemicals to evolve and transform your business can make a significant impact across chemicals manufacturing:

Optimize supply chain management

Chemicals manufacturers face significant business challenges, with constantly changing material availability, seasonality, volatile demand, planning and scheduling constraints, and an increasingly complex supply chain. Customers also expect faster response times with near-flawless order fill rates. To be successful, companies must continually strive to balance supply and demand by strategically using information as a fundamental tool for planning, coordinating, and monitoring. With CloudSuite Chemicals you'll be able to optimize your end-to-end supply chain—from forecasting to production to customer delivery. You'll also be able to tame supply and demand volatility by forecasting through best fit models. Additionally, you can optimize scheduling with finite scheduling that adheres to critical constraints and bottlenecks. CloudSuite Chemicals can position you to be better prepared to compete in a market that deals with high-volumes and volatile raw materials costs.

Achieve operational excellence

With costly manufacturing plants, hazardous materials, and equipment operating around the clock minimizing downtime and maintaining quality is critical in chemicals manufacturing. CloudSuite Chemicals helps manage complex process and batch manufacturing. For example, it allows usage of mass unit of measurements for liquids. Formulas can be handled with ease for their potency of ingredient percentage. A configurable quality management system helps set up vendor and customer-specific requirements and plant-specific testing for inbound and outbound materials. By better managing your operational assets with CloudSuite Chemical's plant maintenance tools, you can get the most out of your assets, while improving overall equipment effectiveness. In addition, prescriptive maintenance will help you reduce energy costs and meet your sustainability goals.

Systemize innovation process for quick ROI

Product innovation for chemical companies is a time-consuming, multi-iteration, and often siloed process. To standardize the innovation process chemicals manufacturers need PLM functionality to help select the best opportunities for innovation; get products to market faster; meet customer needs accurately; and ensure regulatory, environmental, health, safety, and quality compliance. In addition, the effectiveness of the overall development processes can be improved using project management tools such as stage gate, backward, forward, critical path, fixed-date scheduling, and Gantt-like view of the project's progress. Access to real-time cost data and historical formulations helps run "what-if" scenarios to compare costs, margins and performance to quickly evaluate opportunities, determine availability and generate significant and measurable savings and profits.

Process efficiency optimization

Chemical companies, large or small, are always dealing with multiple SKUs which often vary based on fractional percentage changes in one of the base chemicals. In addition, various streams and chemical processes can merge, demerge, produce intermediate (bulk) material or finished goods, and be made-to-stock (MTS) or made-to-order (MTO) on different asset combinations with different starting points. Managing the procurement, sales, and financial robustness of these inbound and outbound materials is a big challenge. With CloudSuite Chemicals' multi-dimensional general ledger functionality and attribute/manufacturing/weighted average costs models, you can capture the true cost for each process and product. Attribute functionality within sales and buyer modules ensure that inquiries, quotes and contracts are approved, monitored, and calculated for quality and profits.

Digital transformation for industry

Breakthroughs in technology are reshaping the chemicals industry and the software that supports it. Analytics have become more sophisticated in order to provide the optimal data needed for critical daily decisions. Artificial intelligence (AI), the internet of things (IoT), and machine learning (ML) use advanced sensors and sensor fusion along with edge devices to provide more advanced monitoring and diagnostic capabilities. Sensors incorporated in machinery and equipment today collect volumes of temperature, material wear, moisture level, usage time, and other data. Analytics can transform this data into extremely intelligent, predictable, efficient, and profitable information.





Top five reasons to use Infor CloudSuite Chemicals

1. Free up capital to support growth initiatives
2. Quickly scale infrastructure to support a growing business
3. Get real-time visibility across the entire enterprise
4. Speed time-to-value with fast deployment
5. Automate previously manual tasks across operations

Supporting modern users—today and tomorrow

The Infor CloudSuite service leverages modern technology to help companies achieve future growth, and can be extended with AI and the world's largest commerce network.

Pre-built critical industry capabilities

- Prepackaged workflows, content, integrations, and analytics are designed with industry best practices, informed by thousands of implementations.

Cloud design drives business agility

- Deliver a simplified user experience, data aggregation, workflow integration, hyperscaling, automatic upgrades, and a data lake.

Actionable insights with enterprise analytics

- An enterprise business intelligence (BI) and analytics platform enables accurate, data-driven decisions.

Extending the enterprise with networked commerce

- Virtual, vertical integrated-based, self-orchestrating value chains leverage data that companies need to run supply chains for end-to-end visibility.

AI unlocks business potential

- AI anticipates, recommends, and derives insights, while powering robotic process automation, machine learning, and IoT.

Prioritizing time to value

- Infor's service delivery methodology delivers accelerated productivity and ensures customers realize maximum value from their technology investment.



Take a closer look

Infor OS provides CloudSuite Chemicals users a comprehensive technology platform of services to choose from, which serve as a unifying foundation for your entire business ecosystem.



Enhanced enterprise experience

Utilize Infor CloudSuite Chemicals to centralize access to applications—with single sign-on and real-time, organization-wide visibility to streamline communication.



Seamless integration

Integrate Infor and third-party enterprise products in the cloud, on-premises, or in hybrid deployments with Infor's advanced, integrated platform as a service (PaaS) capabilities and API gateway.



Transformational data as a service

Provide data acquisition technologies and a unified repository for capturing enterprise data. Infor's Data Lake ensures data fidelity, governance, security, and access.



Artificial Intelligence

Transform historically complex AI technologies (natural language processing, intelligent automation, and machine learning) into valuable and attainable enterprise goals.



Extensibility

Easily create the right experience with minimal coding with Infor's optional developer tools—whether it's an intuitive consumer-grade web interface, a high-productivity form, or a business process to replace customizations.



Data and system governance

Integrate governance, risk, and compliance (GRC) software to help monitor regulatory and statutory standards and proactively update critical applications.

World-class infrastructure

The Infor cloud is built on AWS, the market leader for cloud-based infrastructure as a service (IaaS) and PaaS for more than 10 years. By leveraging Amazon's multi-billion-dollar annual R&D investment in technology, Infor's industry CloudSuites can better deliver on Infor's core mission of building critical industry capabilities.

Infor has partnered with AWS to deploy Infor CloudSuites in more than 20 AWS regions and 61 availability zones across the globe—and that footprint continues to grow to meet customer requirements.

Infor CloudSuite services are designed to run seamlessly across multiple availability zones with active/active high-availability clustering. This means that customers will experience minimal impact from any unplanned outages or system loads.



Delivering productivity with Infor Agility

Infor Agility is Infor's innovative service delivery model that impacts all aspects of Infor's customer life cycle. It is guided by decades of successful ERP implementations and has been continuously refined with the goal of delivering implementations on time and on budget, ultimately delivering faster value for our customers. Infor Agility combines aspects of agile methodology with advanced implementation accelerators, process intelligence tooling, a data migration factory approach, testing as a service, consumerized learning, and managed services options.

Implementation accelerators (IA)

IAs are industry-focused, preconfigured, yet flexible processes designed specifically for Infor application suites. They are designed to deliver core industry-leading business processes, along with application configurations, implementation playbook, tools, and templates. These will deliver a prescriptive, repeatable process that will drive predictable results while helping to lower risk and increase time to value for Infor customers.

Business process assessment (60-30-10) approach

Infor believes that "not all business processes are created equal." Our strategic 60-30-10™ approach allows us to clearly identify, by leveraging a detailed IA Business Process Assessment workshop, the processes that are most important in helping our customers differentiate themselves and deliver maximum value. This model allows us to deliver our industry CloudSuites with most of the necessary processes already built in and ready to adopt; about a third of the remaining processes are refined/configured to suit the needs of our customers; and the final layer receives the most focus, to truly make our solutions a competitive differentiator for the customer's business.

- **60%**—These are core industry-leading processes delivered in the form of our pre-configured implementation accelerators. Customers can easily adopt these with very little effort, spending time primarily on only the validation of these core standard IA processes. These core processes are adopted "as is."



- **30%**—These are the processes that enable differentiation for our customers. We work with our customers to configure these processes, providing specific guidance on how to optimize their solution. While this phase takes a little more time and effort, it allows us to provide options that our customers can tailor and configure to best fit their specific business needs.
- **10%**—These processes are where we spend the most time and resource capacity. Focusing on those processes that are highly differentiating/unique to our customers, the objective is to enable them to help make dramatically better business decisions and provide a better experience to their customers.

By eliminating the need for any customized work within the 60% of the processes, we're able to free up time to collaborate with our customers and focus on the 30% (differentiating) and 10% (unique) processes and help our customers achieve a better business outcome.

Data migration

The risks and costs of do-it-yourself data migration may not be clear until it's too late. Too many in-house migrations lead to go-live delays, or worse, production problems resulting from poor data migration. Infor Data Migration services use established methodologies to successfully, accurately, and quickly complete critical, customer data migrations. This proven service helps to eliminate costly in-house errors, ensures implementation stays on track, and sets a solid foundation for future data management processes.

Testing as a service

Infor Testing as a Service (TaaS) delivers a single platform for testing the full range of functional and non-functional requirements for deploying multiple tools. Whether it's user experience, functional requirements, data services, integration services, or application performance, automotive suppliers can deploy releases with confidence and minimize post-deployment issues. Infor TaaS provides the same tools and content that Infor uses for QA and testing during application deployment, including test libraries and scripts developed across the TaaS community.

Consumerized learning

Infor's consumerized learning is an innovative approach that provides a personalized enterprise learning environment. Users can consume training in a variety of formats that are modern, easy to use, and delivered in an embedded, contextualized, consumer-grade user experience.

Managed services

When the implementation is complete, customers want to concentrate on running their businesses. Infor Managed Services allows them to do just that. With a service agreement tailored to their requirements, customers can build and maintain extensions to address their unique processes to increase productivity and customer service.



The last upgrade you'll ever need

ERP upgrades will be a thing of the past with Infor CloudSuite Chemicals. The service's cloud-based digital platform ensures that you'll always have access to the latest industry features and regulatory upgrades paired with the highest level of security protocols.

Plus, Infor CloudSuite Chemicals delivers a fast and significant return on investment, speeding time to value with a fast deployment. The platform can quickly scale to support business growth, so chemical manufacturers can invest in more strategic growth initiatives with the capital freed from hardware infrastructure upgrades.

Evolve and transform your chemicals manufacturing business with Infor CloudSuite

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