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# Infor CloudSuite Aerospace & Defense

A cloud service that enables aerospace and defense contractors to maintain cybersecurity, achieve regulatory compliance, and simplify production

# Industry-specific functionality in the cloud

Designed to provide an unmatched user experience, Infor CloudSuite™ Aerospace & Defense delivers industry-specific capabilities without extensive customizations or integrations by combining the Infor® cloud platform built on infrastructure services from Amazon Web Services® (AWS®) and Infor OS. With critical business applications in CloudSuite Aerospace & Defense, organizations can experience automatic upgrades that deliver the latest advances in enterprise functionality.

CloudSuite Aerospace & Defense enables global business, networked analytics, and a user experience that can be augmented by artificial intelligence (AI), so organizations can:

- Stay current on the latest versions of their software
- Allow users to access applications 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 CloudSuite Aerospace & Defense.

# Contents

Securely execute your mission with  
CloudSuite Aerospace & Defense **4**

Transform your business with  
an agile cloud service **6**

Simplify manufacturing complexity  
with a cloud-based, digital platform **8**

Industry-specific features for  
aerospace and defense to meet  
the most demanding requirements **10**

Take a closer look **12**

World-class infrastructure **13**

Delivering productivity  
with Infor Agility **14**

The last upgrade you'll ever need **15**

# Securely execute your mission with CloudSuite Aerospace & Defense

Aerospace and defense contractors are very familiar with how complicated it is to operate in the aerospace and defense industry. This complexity manifests itself in many forms, including detailed governmental regulations, cutting-edge products, and sophisticated security requirements designed to protect information from getting into the wrong hands.

Aerospace and defense contractors need innovation to tame this complexity and maintain their competitive edge. By analyzing current business processes, contractors can uncover areas where new software and technologies will unlock efficiencies to win more bids and secure contracts.

CloudSuite Aerospace & Defense gives contractors the technology to make their businesses more efficient and secure. This digital platform, built specifically for aerospace and defense contractors, has deep, proven capabilities to help maintain cybersecurity, achieve regulatory compliance, and simplify production.

Even better, the software is delivered in the cloud—ensuring efficiency, cost savings, built-in support for global operations, and security that follows industry-leading best practice protocols. These are the tools aerospace and defense contractors need to address the complexity within their businesses today.





“ Infor CloudSuite Aerospace & Defense offers industry compliance without customization. The use of the AWS GovCloud proved Infor’s understanding of the A&D Industry.”

ARMTEC DEFENSE TECHNOLOGIES

**Armtec**  
DEFENSE TECHNOLOGIES

# Transform your business with an agile cloud service

CloudSuite Aerospace & Defense is a comprehensive cloud service of industry-proven industrial manufacturing capabilities. Fueled by deep industry expertise across our development teams and customers who collaborate with us, Infor creates complete solutions that work the way you do.

## Core ERP capabilities

- Take advantage of a single, global service that empowers industrial manufacturing across every department, every site, and every country. The core enterprise resource planning (ERP) capabilities within CloudSuite Aerospace & Defense deliver everything companies need in a standard package.

## Technology platform

- Leverage CloudSuite Aerospace & Defense'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 a manufacturing-specific business intelligence (BI) and 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.

## Industry Process Catalogs

- Get up and running quickly with preconfigured business processes, data models, and user-defined menus, as well as training guides designed specifically for aerospace and defense contractors. Users will be productive faster, operate smarter, and learn how to take advantage of efficient process flows across the supply chain. These industry best-practice processes and configurations can serve as a catalyst for business transformation initiatives during deployment and post-deployment phases.



## Additional capabilities

Optional services that enhance and extend CloudSuite Aerospace & Defense 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:

### Infor PLM Discrete

- Leverage a cloud-based product lifecycle management (PLM) solution that completely and seamlessly integrates engineering with manufacturing and service processes. Infor PLM Discrete provides integrations with many of the leading CAD providers, as well as integration with Microsoft Office. These new capabilities provide a cost-effective solution for PLM that can be implemented quickly and easily.

### Infor Factory Track

- Use Infor Factory Track® to automate data collection for inventory movements. Leverage tools to help speed inventory operations and receiving, and track labor and time. Support for mobile-based devices, scanners, and printers is included, as is the ability for salaried employees to record labor from the factory floor or warehouse.

### Infor Supplier Exchange

- Enable online collaboration between every type of supplier—including logistics service providers, outside processors, purchase parts suppliers, and discrete purchase order suppliers with Infor Supplier Exchange, a web-based solution that integrates with CloudSuite Aerospace & Defense. Supplier Exchange supports multiple currencies and languages.

### Infor Birst Enterprise

- Allow users to create their own unique key performance indicators (KPIs), dashboards, and reports with drill-down into the ERP transactional backbone's source data with Infor Birst® Enterprise. The solution can handle any volume of data from any source and can meet the needs of both IT and end users.

### Mobile applications

- Enable users to use and modify critical data on their mobile devices. Improve process efficacy and accelerate productivity with mobile applications that allow users to receive real-time data and respond immediately to important tasks. Infor offers a variety of mobile applications that operate on both Apple iOS and Android Devices, and which cost significantly less than a full CloudSuite user license.

### Highly configured sales quoting

- Make it simple for the sales team to quickly produce accurate customer quotes based on highly customized and complex products.

## Additionally, CloudSuite Aerospace & Defense includes these horizontal add-ons:

### Enterprise analytics

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

### Document capture

- Process documents, intelligently classifying them and extracting data. The documents and data can then be passed onto CloudSuite Aerospace & Defense through an API.

# Simplify manufacturing complexity with a cloud-based, digital platform

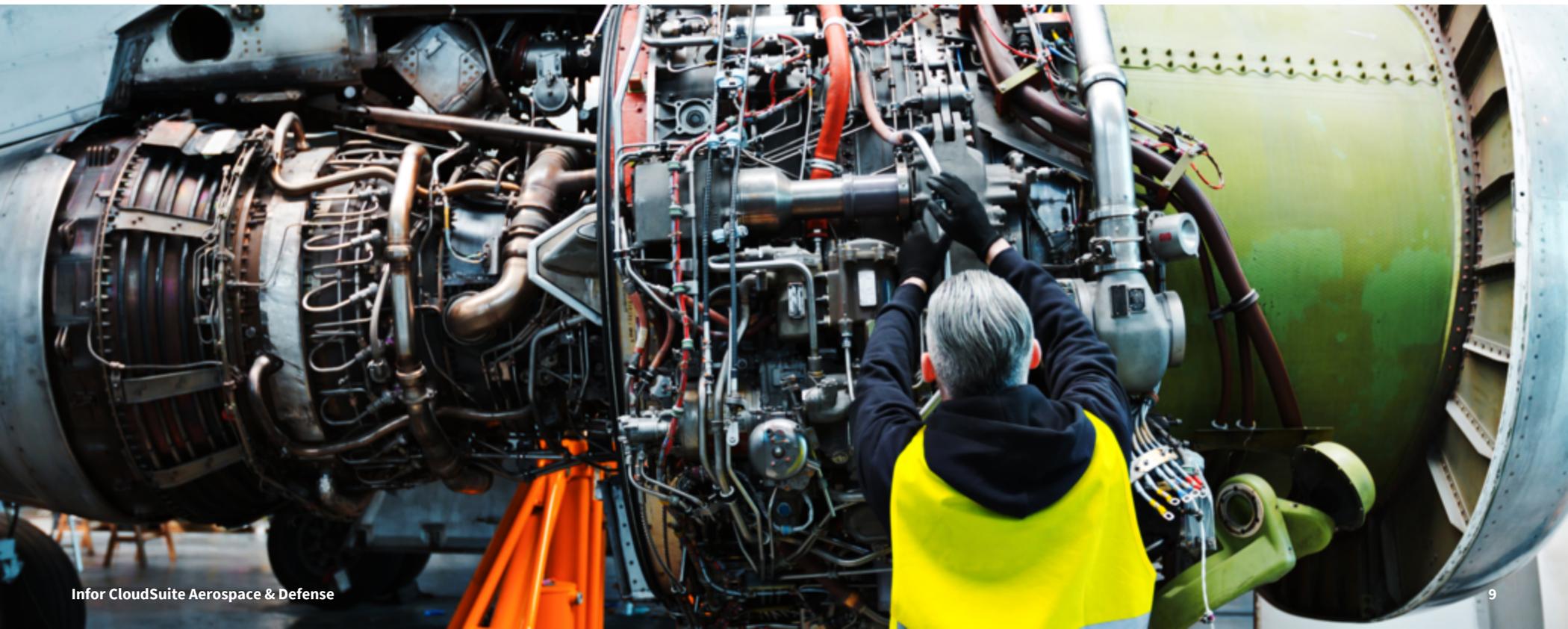
Innovation is central to aerospace and defense manufacturing. Contractors in this industry are designing, building, and delivering the critical assets, weapons systems, and logistics support that governments and people rely on to protect national security and communicate with one another safely, around the world. The high levels of sophistication required from aerospace and defense contractors requires an equally innovative software platform that can handle the necessary complexity and collaboration.

- Contractors that manufacture or deliver to the US Department of Defense (DoD) must ensure their products and business practices **meet high levels of regulatory compliance** with oversight organizations like the Defense Contract Audit Agency (DCAA) and policies like the Defense Federal Acquisition Regulation Supplement (DFARS). US-based defense organizations that export products also fall under International Traffic in Arms Regulations (ITAR) and Export Administration Regulations (EAR) standards. In addition, all aerospace and defense contractors are required to comply with the Cybersecurity Maturity Model Certification (CMMC).
- One of the most complex aspects of aerospace and defense manufacturing is managing the growing, **expansive, and complex aerospace and defense supply chain**. Manufacture-to-order (MTO) and make-to-stock (MTS) manufacturing modalities complicate sourcing of raw materials, and the industry's increasing reliance on co-manufacturing makes it difficult to ensure the right materials are at the right place at the right time.



- Many aerospace and defense contractors generate a significant portion of their overall profits from services, with contractors actively looking to grow revenues with this business model. The focus on **aftermarket operations and maintenance, repair, and overhaul (MRO)** requires contractors to have the necessary inventory on hand to meet demand. In addition to traditional MRO services, some defense organizations are providing performance-based logistics (PBL) services, where instead of charging for replacement parts and labor, the organization commits to agreed-upon performance outcomes.
- Aerospace and defense manufacturers, assembly makers, subcontractors, and suppliers have **very complex manufacturing operations**, with one company that may maintain engineer to order (ETO), MTO, and MTS production environments. Products built in these various environments require many components and subcomponents that make up the unique configurations—with many of the components themselves being MTO. Engineering change notices (ECNs) also frequently impact product design, component design, parts requisition, and even manufacturing processes.

Aerospace and defense contractors operate in a highly regulated and complex business environment that needs built-in flexibility to accommodate new requirements and simplify business processes. As a cloud service, CloudSuite Aerospace & Defense provides the versatility to simplify business processes and uncover new, revenue-generating opportunities.



# Industry-specific features for aerospace and defense to meet the most demanding requirements

## **Contract and CLIN management**

CloudSuite Aerospace & Defense provides a complete contract management module for firm-fixed price (FFP), cost-plus (CP), and time and materials projects. The service defines the terms and conditions and defines flow-down requirements for the contract. The terms and conditions can vary by contract line item (CLIN) and serve as the independent demand for planning for hardware deliverables. The contract, project, and contract charge numbers (CCNS) then serve as the basis for the comingled contract/project pegging to be used by enterprise planning within the service.

## **Comingled project cost pegging**

Within CloudSuite Aerospace & Defense's ERP planning engine the contract and project flow-down is carried from the inception of planning through execution in manufacturing, procurement, and service.

This unique capability allows an aerospace and defense contractor to maintain all of the benefits of project costing and tracking with the economies of scale offered by material requirements planning. In addition, CloudSuite Aerospace & Defense provides costing breaks and transfer logic for planning to meet DFARS audit requirements and earned value management system reporting.

## **Fair, equitable, and unbiased costing**

CloudSuite Aerospace & Defense utilizes a fair, equitable, and unbiased costing algorithm for over-receipts, inventory adjustments, and any costing process consistently—without preference to any project or requiring the user to decide the method of costing. Not only is this required by the DCAA, but this needs to be proven in the case of a materials management accounting standards (MMAS) audit.



### **Overhead cost allocations**

The method for allocating indirect costs for aerospace and defense contractors is unlike any other industry. Infor has invested in capabilities within CloudSuite Aerospace & Defense that can develop overhead rates, apply indirect costs using those developed rates, and then provide retroactive rate adjustments and reapplication of the cost at the new rate. This is done without the use of external spreadsheets and does not require customization of the service.

### **Trade compliance**

Export compliance has quickly become one of the most critical items for aerospace and defense contractors. Infor CloudSuite Aerospace & Defense allows aerospace and defense contractors to perform denied party screening and export license tracking, as well as support the documentation and constraints for international trade control. The service helps aerospace and defense contractors avoid violating trade compliance regulations that can result in significant fines and penalties.

### **Audit support**

CloudSuite Aerospace & Defense not only can help aerospace and defense contractors pass DCAA audits, but the service also provides the reporting capabilities to answer significant audit questions on costing. Transaction logs of activity, along with project cost ledger details, allow aerospace and defense contractors to justify their expenses for cost transfer, progress billing, and schedule changes, as well as help answer any questions the DCAA may have.

### **Governance, risk, and compliance**

CloudSuite Aerospace & Defense ensures users can build automated business controls across business applications. The service analyzes automated business controls across applications. It can also perform what-if analysis as a simulation, and analysis for user provisioning and change management. The service provides business users with actionable insights on violations for rule analysis, which maintains point-in-time records and reduces the risks of violations by applying compensating controls, exclusions, corrective action in the ERP system, and submitting requests for user deprovisioning and change management.



# Take a closer look

Infor OS provides CloudSuite Aerospace & Defense users a comprehensive technology platform of services to choose from. Infor OS serves as a unifying foundation for an organization's entire business ecosystem.



## Enhanced enterprise experience

Take advantage of CloudSuite Aerospace & Defense's single sign-on support to gain real-time, organization-wide visibility that streamlines communication.



## Artificial intelligence

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



## Seamless integration

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



## 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.



## 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.



## Data and system governance

Integrate governance, risk, and compliance (GRC) software to help monitor user activity, detect violations of separation-of-duties, and automate user provisioning.

# World-class infrastructure

The Infor cloud is built on AWS, the market leader for cloud-based infrastructure as a service (IaaS) and PaaS for over a decades. By leveraging Amazon's multi-billion-dollar, annual research and development 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.

CloudSuite Aerospace & Defense is available in the Infor Government Solutions (IGS) environment, hosted in the AWS GovCloud. This deployment option is ready for customers doing business with the US DoD and meets the following compliance standards:

- ITAR
- National Institute of Standards and Technology (NIST) SP 800-171
- CMMC Level 3



# Delivering productivity with Infor Agility

Infor Agility is Infor's innovative service delivery model that impacts all aspects of Infor's customer life cycle. This program combines aspects of agile methodology with advanced Industry Process Catalogs, process intelligence, Migration Factory, and consumerized learning. This takes a prescriptive approach, instead of an "implement as you please" approach to deliver faster value, built-in last-mile functionality, and extensibility for our customers.

## Industry Process Catalogs

Infor's Industry Process Catalogs are industry-focused, preconfigured yet flexible processes designed specifically for Infor. 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 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<sup>®</sup> approach allows us to clearly identify and prioritize which processes should be differentiated to meet each business' unique business needs. With industry-specific functionality built in, you don't need extensive modifications.

- **60%**—Most of the functionality you need is standardized and based on best practices. These core processes can be adopted "as is."
- **30%**—The next layer includes some functionality where you may want to personalize forms, the way screens look, or workflows. Because CloudSuites and Infor OS are so flexible, you can personalize many aspects of the service—all without changing the source code and hindering future updates.
- **10%**—These processes are where we spend the most time and resource capacity. Thanks to extensibility built into the CloudSuites, you can tailor the remaining specialized functions quickly and easily.

## 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.



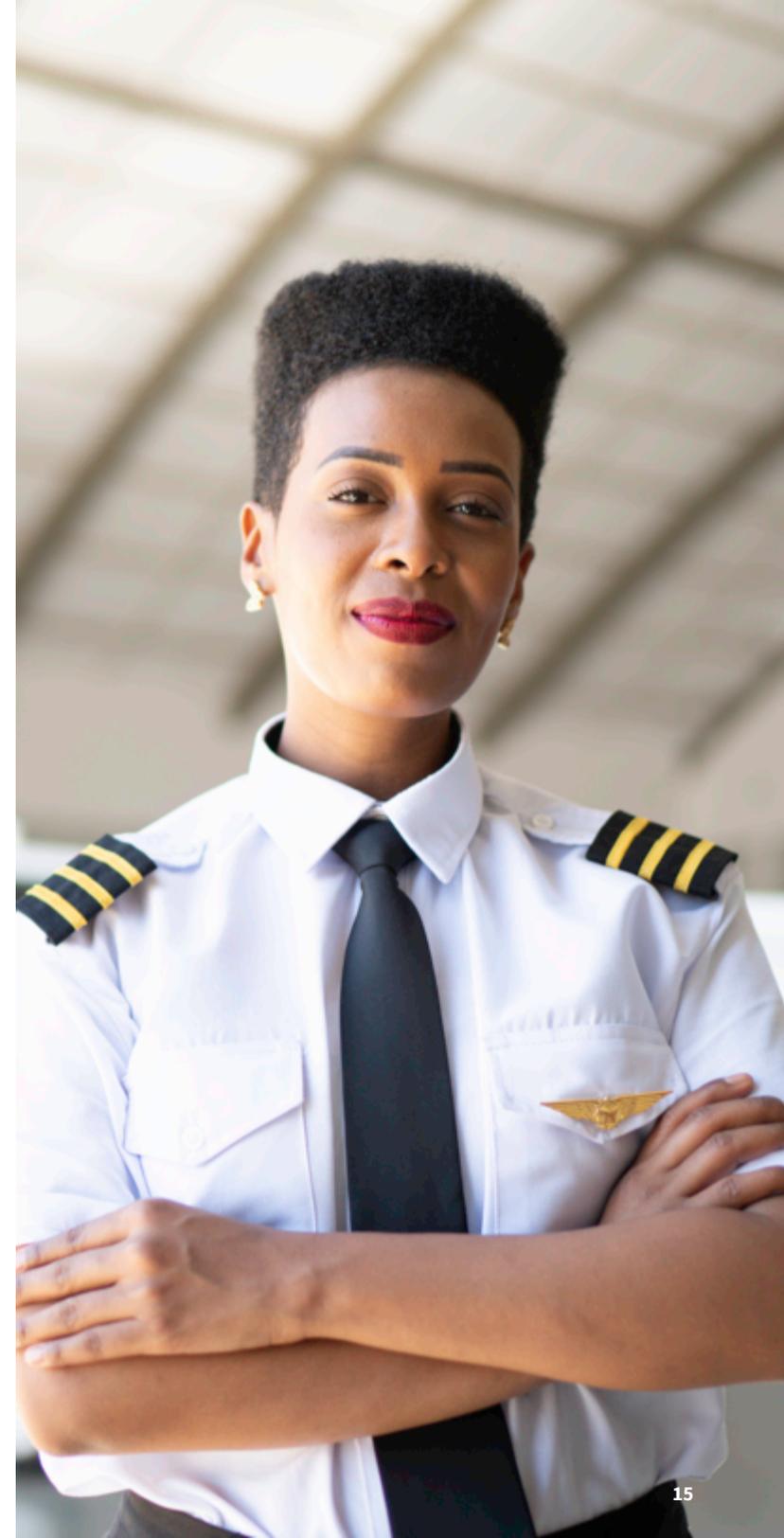
# The last upgrade you'll ever need

ERP upgrades will be a thing of the past with Infor CloudSuite Aerospace & Defense. The service's cloud-based digital platform ensures you'll always have the latest features and functionality, based on industry best practices and using the highest-level security protocols available.

Plus, CloudSuite Aerospace & Defense delivers a fast and significant return on investment, speeding time to value with a quick deployment. The platform can quickly scale to support business growth, so aerospace and defense contractors can invest in more strategic growth initiatives with the capital freed from hardware infrastructure upgrades.

**Transform your business with Infor CloudSuite services.**

[LEARN MORE ↗](#)





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**About Infor**

Infor is a global leader in business cloud software specialized by industry. Over 65,000 organizations in more than 175 countries rely on Infor's 17,000 employees to help achieve their business goals. Visit [www.infor.com](https://www.infor.com).

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