



BROCHURE

# Aras Subscription Enterprise SaaS



## MOVING TO THE CLOUD—NOW

Recent events, including the global COVID-19 outbreak, have forced companies worldwide to change their operating paradigm overnight. Companies that had migrated systems to the cloud pre-pandemic reaped significant benefits with their progressive strategies. These organizations were able to leverage the flexibility of their cloud solutions to quickly pivot their operational footprint as needed. Companies not in the cloud quickly realized that they waited too long. Now, these organizations are moving swiftly to implement a new direction by adopting a cloud-first mandate.

While moving a PLM platform to the cloud may seem the obvious direction, there are multiple decisions necessary to accomplish this goal. Many organizations view recent business interruptions as an opportunity to reassess their overall IT strategy to determine if the traditional approach of deploying and managing every aspect of the environment on-premises is best suited to future goals. The most fundamental question is clear: **can someone else execute these functions better—for the same, or perhaps even less money than we can?**

The staggering growth of software-as-a-service (SaaS) offerings across enterprise domains is a definite indication the answer is yes. SaaS offers companies the ability to reduce their IT footprint by offloading typical tasks like deployment, operations, and system support to organizations with nearly unlimited infrastructure and resource capacity. Typical SaaS offerings operate from major public cloud providers, running in the most secure and advanced data centers in the world while attracting the highest levels of individual talent available in the industry.

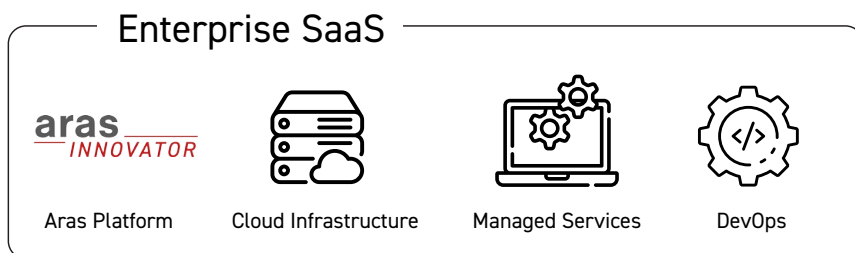


## ARAS ENTERPRISE SAAS

### THE MOST POWERFUL SAAS PLM OFFERING ON THE MARKET

Aras Enterprise SaaS provides subscribers with all the necessary components to begin, or continue their PLM journey. With Enterprise SaaS, you receive the software, cloud infrastructure, managed services, and DevOps tools and processes necessary to establish a secure and flexible PLM environment. Most important, you get the same functionality and applications as those available on-site, delivering the power and resiliency for which Aras is known.

With a single subscription, you will have access to every Aras Innovator application along with the capability to customize it to meet your specific needs. You will also have the capability to build unique solutions in the cloud with no limits to the complexity of the requirements. Just as important, your unique customizations will be supported through upgrades. Unlike other SaaS offerings that force upgrades, Aras **delivers upgrades on your schedule**, eliminating compliance issues, risks and associated liabilities of typical systematic updates.



The subscription also includes the cloud infrastructure, built on Azure to power the environment. Aras' Global Cloud Services team is dedicated to executing 24x7 operations and day-to-day support of your company's deployment, delivering to a strict [service level agreement](#). Enterprise SaaS provides customers **unrivaled expertise and experience** to optimize the scalability, elasticity, automation, failover, and recovery processes of Aras Innovator.

Finally, since Aras encourages customizations to meet your specific requirements, Enterprise SaaS includes **Aras DevOps**. Aras' deployment framework, based on industry standards and preconfigured to work with the Aras platform, automates and optimizes system change processes to power a DevOps culture.

*"Disruptive innovation is in the Aras DNA—from our founding concept of low-code platform technology to our pioneering of open source and our subscription business model. Now we are shaking up the industry again by delivering Enterprise SaaS, the most advanced cloud offering on the market today."*

- Marc Lind, Aras Senior Vice President of Strategy



## ARAS PLATFORM

With Aras Enterprise SaaS, you get the most resilient PLM Platform on the market. This includes all Aras Innovator applications, enterprise low-code development capabilities, service packs, and unlimited training. Aras Connectors are included in Enterprise SaaS along with many third-party vendor connectors.

Find out more about the Aras Innovator's [capabilities](#).



### Aras Innovator components included as part of Enterprise SaaS:

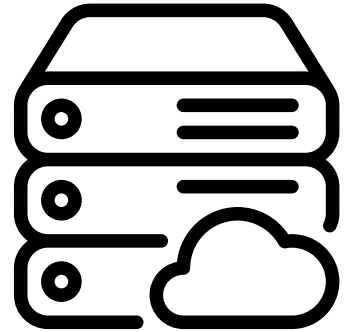
Aras Applications & Connectors*	Aras Innovator Platform
<ul style="list-style-type: none"> <li>Product Engineering</li> <li>Program Management</li> <li>Manufacturing Process Planning</li> <li>Technical Documentation</li> <li>Quality Management System</li> <li>Component Engineering</li> <li>Requirements Engineering</li> <li>Simulation Management</li> <li>Systems Architecture</li> <li>Digital Twin Core</li> <li>Microsoft Office Connector</li> <li>SOLIDWORKS PDM Pro Connector</li> </ul>	<ul style="list-style-type: none"> <li>External Authentication</li> <li>Secure Discussion Threads</li> <li>3D CAD Conversion</li> <li>3D View and Markup</li> <li>PDF View and Markup</li> <li>PDF Watermarking</li> <li>PDF Document Publishing</li> <li>Self-Service Reporting</li> <li>Enterprise Search</li> <li>Vault Replication</li> </ul>

\* Many third-party connectors also available separately.



## CLOUD INFRASTRUCTURE

Aras provides a robust and secure cloud infrastructure through Microsoft Azure. A standardized blueprint is followed to create a set of environments, tools, and processes for each customer. Infrastructure sizing is tier-based to ensure the proper performance of the environment. The high availability production environment is configured to ensure negligible interruption and multiple location options to provide sufficient performance regardless of your company's geographical footprint.



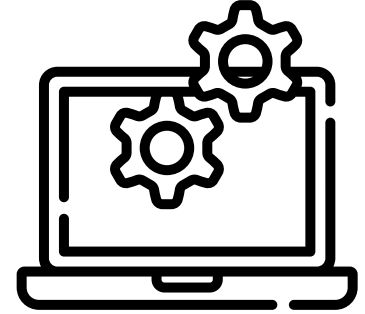
Enterprise SaaS guarantees the security, availability, and confidentiality of critical data with **SOC2 and CSA STAR certifications**, minimizing the exposure of sensitive information and the risk of a data breach.

*"Access to physical datacenter facilities is tightly controlled by outer and inner perimeters with increasing security at each level, including perimeter fencing, security officers, locked server racks, integrated alarm systems, around-the-clock video surveillance by the operations center, and multi-factor access control. Only required personnel are authorized to access Microsoft datacenters. Logical access to Microsoft 365 infrastructure, including customer data, is prohibited from within Microsoft datacenters."*

*- Microsoft Security Overview*

## ARAS MANAGED SERVICES

With Aras Managed Services, the Aras Global Cloud Services team is responsible for provisioning, managing, and operating your infrastructure to support Aras Innovator capabilities. This includes the deployment of your build, SIT, UAT, staging and production environments as well as the Aras DevOps capabilities. Execution of day-to-day operational tasks is part of the subscription, along with Aras Cloud resource consumption and availability reporting.

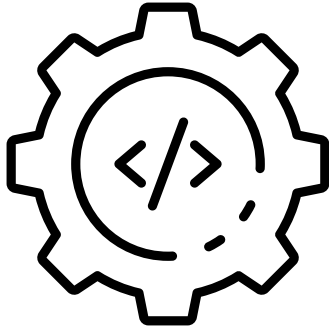


The Global Cloud Services team members are Aras Innovator experts with years of experience building and managing large-scale PLM deployments worldwide. No one is better qualified to optimize the performance of your Aras Innovator environment than the people who designed it.

### Typical activities delivered by Aras as part of Enterprise SaaS:

Aras Managed Services	
Infrastructure	Install various virtual machines and Azure services Install networking Configure security settings Install customer provided certificates
Environments	Create environments to align with project schedules
Deployments	Manage deployments through Aras DevOps
Infrastructure Support	Troubleshoot infrastructure issues Security issues Work with Azure support as needed
Infrastructure Maintenance	Apply patches, settings
Aras Platform	Install and manage Aras DevOps Install and manage platform, applications, and licenses Setup server-side part of connectors and integrations
Maintain Aras	Maintain security certifications Manage backups & disaster recovery Apply patches Apply service pack upgrades Managed upgrades executed by the Aras upgrade team and applied by Aras' Global Cloud Services team

## ARAS DEVOPS



As many companies are adopting a DevOps culture to improve the speed of their development processes and increase collaboration within project teams, they require the right tools and processes to support that effort.

Aras has been utilizing DevOps practices for years and has packaged our internal tools and procedures as an offering to manage the deployment and IT operations for our subscribers. Since we expect our customers to customize their applications and build their own solutions, we have included Aras DevOps as part of our Enterprise SaaS offering to improve the deployment processes and overall time to market.

For a case study on how Aras embraced a DevOps culture, read [How Aras Uses DevOps to Optimize Internal Development](#).

### DevOps Components Delivered as Part of Enterprise SaaS:

Aras DevOps	Azure DevOps Services
<ul style="list-style-type: none"><li>▪ Standardized tools, utilities, processes</li><li>▪ Streamline DevOps</li><li>▪ Low code development and testing on Aras</li><li>▪ Test automation framework</li></ul>	<ul style="list-style-type: none"><li>▪ Projects/ Boards</li><li>▪ Pipelines</li><li>▪ Artifacts</li></ul>

For more information on Aras DevOps, read [Building Business Resiliency with Aras DevOps](#).



## MORE CAPABLE THAN ANY OTHER SAAS OFFERING FOR PLM

As companies try to move ahead with their latest business transformations, many are finding themselves stuck on their legacy PLM system, [unable to upgrade their environment](#) due to years of customizations on an environment that wasn't meant to change to meet specific business requirements. While companies realize the next step forward will bring them to the cloud, they are discovering the new cloud and SaaS offerings from their PLM provider to be limiting.

While major PLM software providers are starting to provide SaaS and cloud solutions to their customers, most are simply repackaging the same solutions without re-factoring them for the cloud. Some of the offerings are limited versions of their flagship offering, providing only selective functionality from their main product while other offerings further limit or simply restrict any customizations necessary to meet specific requirements. Other cloud solutions rely on virtual machines or VM's that move the solution to the cloud, but do not leverage cloud services, limiting the value of the technology.

Only Aras Enterprise SaaS provides a fully capable, business ready SaaS PLM environment with complete systems engineering and digital thread functionality ready to transform your organization, available in a single offering. All of Aras' applications and capabilities are provided to our Enterprise SaaS subscribers to provide the power organizations require to deliver the most complex business solutions, regardless of the size or complexity of the challenge.

For a detailed discussion on why using a SaaS model enhances the value of the cloud for PLM and how Enterprise SaaS provides the capabilities companies require to meet the challenges of today's business transformations, read the Aras white paper, [The Cloud is Not Enough](#).







Aras provides the most powerful low-code platform with applications to design, build, and operate complex products. It's technology enables the rapid delivery of flexible, upgradeable solutions that build business resilience. Aras' platform and product lifecycle management applications connect users in all disciplines and functions to critical product data and processes across the lifecycle and throughout the extended supply chain. Airbus, Audi, DENSO, Honda, Kawasaki, Microsoft, Mitsubishi, and Nissan are using the platform to manage complex change and traceability. Visit [www.aras.com](http://www.aras.com) to learn more and follow us on Twitter and LinkedIn.

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