

SaaS vs. On-Premises

General Information		
	SaaS	On-Premises
HARDWARE	No hardware cost. Hosted solutions are inherently better value at the same price point, because there is no hardware and associated costs.	Hardware cost. The cost of setting up infrastructure to host software on-premises can be significant.
INSTALLATION	No installation required. Organizations do not need to set up or maintain the software. The SaaS model provides users with a ready-made solution, they can start working in apps right away.	Installation required. Software must be installed and configured on your server along with completing post-installation configurations. Knowledge of internal infrastructure is required.
SECURITY MANAGEMENT	Security is managed. Our hosted solutions are established in a secure environment that is SOC 2 compliant.	Security management required. Configuration of firewalls, proxies and other security measures is handled in-house.
UPDATES	Automatic, effortless updates. - All product updates are pushed out automatically. - Manual download and installation of updates is not required.	Controlled updates. - Ongoing updates add to the time/effort required for deployments. - New versions can be tested internally before being rolled out, providing a high degree of control and quality assurance. - i.e., an update may include a bug or a regression, this update can be postponed until the issue is resolved in another release.
ACCESSIBILITY	Public/external accessibility. Administrators and developers can access the software from anywhere on any web browser, they do not need to be on the organization's network.	Private accessibility (optional). Administrators can decide if their VertiGIS Studio software will be available outside the organization's network.
INTERNET CONNECTION	Internet connection required. Since SaaS software is web-hosted, an Internet connection is required to use these applications.	Viewers require, Capabilities do not require. Viewers: VSW and VSM Designers require an Internet connection. Capabilities: VSWF, VSR and VSP can be used offline.
AVAILABILITY	High availability. No need to worry about downtime due to hardware failures, power outages, network outages, server maintenance, etc.	Vulnerability. - More risk of downtime due to hardware failures, power outages, network outages, server maintenance, etc. - We do not officially support load-balanced deployments of VertiGIS Studio products, but it has been done.

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Product Specific Information

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	Web		- VSW Designer requires Internet access to provide out-of-the-box templates, which include web maps, web scenes, print templates, images, etc. - VSW Designer sends web requests (via Internet) to determine the country of origin and, based on the country's VertiGIS partner/reseller, country-specific content will be supplied to the VSW Designer.
	Mobile		- Similar dependencies to VSW (templates, country-specific content). - For branded applications, uses SaaS-based build service
	Workflow	Server workflows are <i>not</i> available.	- Server workflows are available (sending emails, querying internal-only databases, etc.). - More detail can be found in our documentation here.
	Reporting	- All data sources must be publicly available (via internet). - Does not run server-side scripts.	- Local data sources can be included. Supports server-side scripting. - More detail can be found in our documentation here.
	Printing	All data sources must be publicly available (via internet).	- Like VSR: Local data sources can be included, Supports server-side scripting. - More detail can be found in our documentation here.
	Inline	SaaS Only	
	Access Control	On-Premises Only	
	Analytics	On-Premises Only (can monitor both SaaS & On-Prem)	

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Security Provider

		SaaS	On-Premises
	ArcGIS Online	OK	OK
	Portal for ArcGIS	OK (We setup a custom subdomain, free & easy. This is not recommended for evaluations.)	OK

Data Storage

Data can always be stored on-premises, even when using the SaaS versions of VertiGIS Studio software. The data never leaves the customer environment, maintaining maximum security. The custom subdomain that makes this possible is free and can be setup with same-day service.

What setup do I need to do?

We have a series of questions to help organizations decide what setup is best for them, including versions, hosting apps, and data storage options.

Follow [this link](#) to our documentation center, then scroll down to the section titled "*What setup do I need to do?*"