

# SaaS vs. On-Premise

## Which is Better?

Clarifai offers cloud, private cloud, baremetal, air-gapped and edge deployment options. Yet, SaaS deployments offer unique advantages.



### SaaS vs. on-premise: A side by side comparison

#### 1. Data Security

Our platform is built on top of our cloud vendors' solid security foundation. For baremetal deployments, security relies on the expertise of your infrastructure and DevOps teams.

**Verdict: SaaS is easier and cheaper.**

#### 2. Speed

SaaS latency is on par with on-premise deployments. The ability to host in any region on any cloud provider platform provides SaaS performance levels on par with on-premise deployments — with negligible, sub-millisecond latencies.

**Verdict: SaaS and on-premise speed is comparable.**

#### 3. Scalability

SaaS solutions scale automatically with no human intervention or hardware procurement. On-premise solutions take much longer to scale and incur material capital costs as demand grows.

**Verdict: SaaS is more scalable.**

#### 4. Environmental friendliness

Cloud computing software is 95% more carbon-efficient than on-premise systems.

**Verdict: SaaS is environmentally friendly.**

#### 5. DevOps

With SaaS, updates are fully managed by Clarifai. On-premise infrastructure updates are responsibility of the customer.

**Verdict: Clarifai SaaS offers MLOps without DevOps.**

#### 6. Cost

With SaaS on-demand availability you pay for what you use. There are no setup and infrastructure fees, operating expenses or maintenance costs.

For on-premise deployment, licensing, operating, maintenance and staffing costs are the responsibility of the customer. The customer is also responsible for ensuring software updates, managing downtime and service interruptions, training resources.




**Verdict: SaaS is easier and cheaper.**

#### 6. State of the art

Cloud customers receive our latest innovations immediately, and are able to use our most accurate models at all times.

**Verdict: SaaS unlocks state of the art AI.**

# The right deployment option for you

Clarifai's SaaS solution offers the flexibility to choose any cloud vendor, including **AWS** , **Azure** , and **Google** .



	Cloud	Private Cloud	Bare Metal	Edge
Automatic Software Updates	✓	✗	✗	✗
Quarterly Updates Available	✓	✓	✓	✓
Licence Fees Included	✓	✗	✗	✗
Hardware Costs Included *	✓	✗	✗	✗
Low Latency	✓	✓	✓	✓
Minimal Setup	✓	✗	✗	✗
Time	✓	✗	✗	✗
Data Security	✓	✓	✓	✓
Auto Scaling	✓	✓	✗	✗
Environmentally friendly	✓	✗	✗	✗

\* Additional cost for on-prem/virtual private cloud customers. For VPC, we support autoscaling to add and contract compute instances based on volume. For on-prem deployments, customers provide their own hardware.

## Contact us to learn more.

Whether you are starting with AI or looking to scale, we partner with you to advance your AI strategy.

[Contact us](#) to learn about our platform.