

Vantage Elastic Domain

Product Sheet



Vantage Elastic Domain

Vantage Intelligence | Virtual Infrastructure | Rapid Scaling

Vantage Elastic Domain uses its powerful orchestration features and intelligent automation to execute and scale based on the state of the domain, managing the Vantage database and controlling worker nodes.

Overview

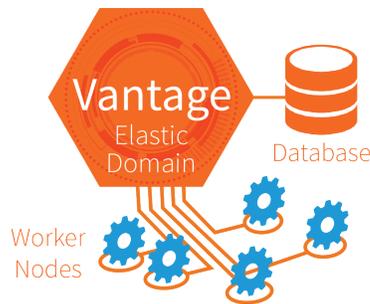
Does your infrastructure strategy include embracing private cloud, public cloud, and/or on-premise workflows and automation?

Many broadcast and media leaders are rapidly adopting COTS abstracted hardware and virtualized software deployment for content production infrastructure. This is because virtual infrastructure allows you to deploy software instances easily and dynamically based on your changing business needs. However, this advancement isn't very useful if your software can't intelligently respond to the new capacity.

Enter Vantage Elastic Domain. As the industry leading content production workflow orchestration solution for the world's most demanding media companies, Vantage can run on public and private virtualized infrastructure with a proven multi-node orchestration engine that intelligently capitalizes on the flexibility of virtual infrastructure. You can use the modern innovations in Private Cloud and Public Cloud datacenter technology, paired with Vantage's reactive multi-node orchestration, to gain the ultimate in flexibility and efficiency for your demanding media needs.

How Does it Work?

Vantage Elastic Domain uses its powerful orchestration features and intelligent automation to execute and scale based on the current state of the domain, managing the Vantage database and controlling worker nodes.



Vantage Orchestration

Vantage domains use a centralized database that contains all workflow designs—and all aspects of their configuration. Worker nodes then connect to this database and dynamically orchestrate job execution based on the state of the overall domain. Our best-in-breed workflow engine and load balancing intelligently make every decision at runtime to ensure best utilization of available resources.

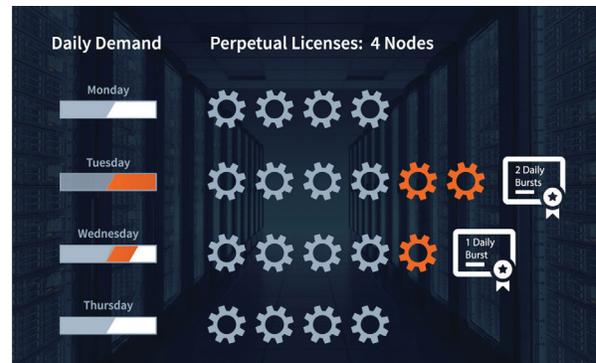
Vantage Worker Nodes

Vantage workers are deployed as x86-based VM images, that can be deployed from a single master image. Upon startup, new workers are automatically assigned tasks and increase throughput. Vantage domain scaling is achieved simply by deploying additional copies of the worker image. The only configuration needed for worker images is setting the location of the Vantage database—all other configuration is centralized.

Elastic Domain licensing

Vantage Elastic Domain offers flexible licensing options that intelligently support scaling system size up and down. You can mix and match perpetual licenses with a “Daily Bursting” model, allowing your Vantage system to expand during peak demand, while retaining a predictable base cost of perpetual licenses for standard operational levels. A cost-effective rental fee is charged daily for additional nodes not covered by the perpetual license.

- Vantage licensing is managed centrally
- Individual licenses don't need to be managed for worker nodes
- Additional nodes can be “spun up” (added to the Domain) on-demand
- Other flexible licensing options will be available in the future; contact Telestream for information



Platform support

Vantage Elastic domain is designed to flexibly support your organization's infrastructure of choice. Vantage Elastic Domains can be deployed on:

- Unmanaged VM hosts
- Private data centers using managed virtualization
- Public cloud IaaS, including hybrid models
- GPU acceleration is available on qualified GPU models in virtual and IaaS environments

Pricing

Please contact your Telestream Representative.