

Arbor Sightline Flexible Licensing

Optimize Your Arbor Sightline Network Monitoring With Flexible Licensing

KEY FEATURES & BENEFITS

Greater Performance and Scalability

Flex Licensing is a software only licensing model that allows entitlements to be moved and used where most beneficial, allowing you to cost-effectively expand your Sightline deployment and support your future network growth.

Flexible, More Optimized Deployment

Core/Edge Routers, Users and Managed Object licenses can be installed in a dynamic and flexible manner to support your ever changing network and business environment.

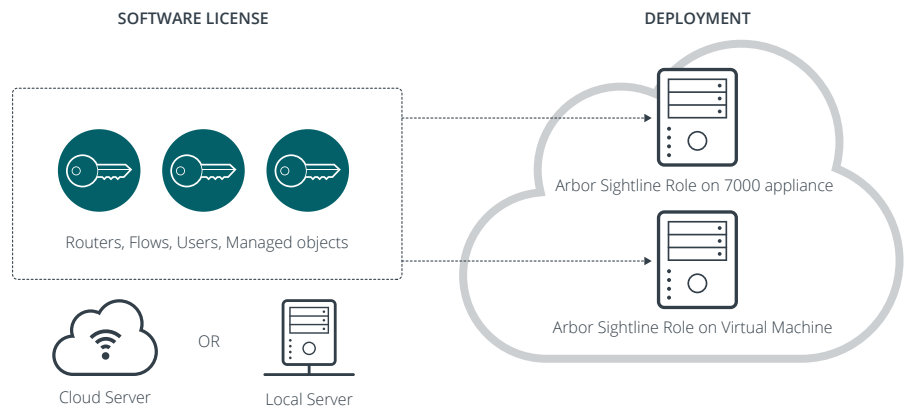
Virtual Machine Support

In addition to Arbor Sightline appliances, Sightline with Flex Licensing also supports virtual machines. Existing Sightline deployments can easily convert to Flex Licensing.

For years, the Arbor Sightline solution has been providing pervasive network visibility and threat protection to Internet Service Providers, cloud/hosting providers and large Enterprises. The rapid growth and ever-changing nature of modern-day networks puts financial and performance pressure upon our customers' ability to maximize their network monitoring using Sightline. In response, Arbor offers Sightline Flexible Licensing (Flex Licensing). Flex Licensing is a software licensing model that pools Sightline and Arbor Insight entitlements so they can be moved and reused as needed. This combined with new ways of purchasing Flex Licensing make it affordable to obtain all of the benefits from deploying Sightline and Arbor Insight monitoring of your entire network.

Flex Licensing Options

Flex Licensing is available as Flex Site License and Flex Purchase, both CapEx models with annual M&S payments, and as Flex Subscription, which is an annually renewed OpEx model. These three models can be combined in different ways to offer the most economical way of maximizing Sightline coverage as well as making it easy to expand Sightline as your needs grow. Additionally, Flex Licensing enables the add-on, Arbor Insight. Consisting of raw network flows, with Arbor Sightline annotations and metadata, Arbor Insight provides a photographic memory of network traffic. Arbor Insight's powerful UI offers agile, multi-dimensional queries, empowering users to conduct big data analytics at the speed of thought-ultimately enabling faster insights and more intelligent business decisions.



Licensing includes the following entitlements types:

- **Core Router:** Designed for large/medium routers with a smaller number of interfaces at higher flows per second rates, and includes greater included flows. Includes peering analysis features.
- **Edge Router:** Designed for smaller, customer edge routers with many interfaces at smaller flows per second rates, and includes fewer included flows. Does not include peering analysis features.
- **Additional Flows:** Adds Core or Edge flows if the amount included with router licenses isn't sufficient.
- **User:** Number of concurrent users who can use the Sightline portal.
- **Managed Object:** Number of managed objects.

Independent Software and Hardware Platforms

With Flex Licensing, the Sightline software is sold and licensed separately from the hardware platform. The platform can be Arbor Sightline Hardware and/or Virtual Machines. Existing xx6000 licensed appliances easily convert for reuse in Flex Licensed Sightline deployments.

With Flex Licensing, Core Router, Edge Router, Flow, User and Managed Object entitlements are managed from a central local or cloud-based licensing server and are applied onto the other platforms in the deployment whether these are Arbor appliances or Virtual Machine based Sightline instances.

Cost-Effective Expansion

Flex Licensing makes it easy and cost-effective to expand Arbor Sightline’s monitoring coverage to:

- Expand peering and transit analysis to all contact points.
- Expand traffic analysis to the customer edges of your network.
- Launch profitable managed services such as: traffic analysis and reporting; DDoS attack detection, mitigation and reporting; or a hybrid DDoS protection service with on-premise protection (APS) up to layer 7 with signalling to your cloud mitigation (Sightline and Threat Mitigation System).

Easy Migration

Upgrading to Flex Licensing from the previous licensing model is easy. The designated Arbor Sightline “leader” appliance or node needs access to a licensing server either by pointing the leader to a cloud licensing server or by installing a local licensing server. This enables the leader to manage entitlement requests from all other appliances and roles in the deployment. For added flexibility, existing Sightline deployments can gradually move to Flex Licensing once the “leader” has been configured for Flex Licensing

Sightline Roles

Licenses enable the capacity of the Sightline deployment. Each deployment consists of Sightline being installed upon either Arbor appliances or Virtual Machines. Each installation is identified as a role which contributes to provide capacity up to the licensed limits of the deployment. The roles are:

- **Traffic Routing and Analysis:** Collects Flow and Routing information from routers (core and edge) and Arbor Threat Mitigation System appliances.
- **User Interface:** Provides the multi-tenant interface for various users to analyze threats and traffic, review alerts, mitigate attacks in Arbor Threat Mitigation System™ appliances, and retrieve reports for the entire Sightline deployment.
- **Data Storage:** Enables longer term historical views for any managed object.
- **Leader:** Manages licensing entitlements of an Sightline deployment. It can be a nominated Traffic Routing and Analysis device or a dedicated device.

Arbor Sightline Virtual Machine Requirements

	VMware vSphere v5.0, 5.1 and 5.5	Xen Cloud Platform v1.6.10-61809c	KVM DEMU v1.4.2
vCPUs	8 to 32	8 to 15	8 to 32
Network Interfaces	1 to 10	1 to 10	1 to 10
Memory	16, 24 or 32 GB	16, 24 or 32 GB	16, 24 or 32 GB
Storage	100 GB min.	100 GB min.	100 GB min.

Note: Consult the product documentation for specific recommendations.

Improvements in Performance and Scalability

Existing Arbor xx6000 appliances can be easily converted to Sightline with Flex Licensing and unlock improvements in performance and scalability.

Sightline-6000/Sightline-7000

Sightline with Flex

- Routers:* 100
- FPS: 200,000 / 240,000

** With Sightline and Flex Licensing a single Traffic Routing and Analysis node can support both Core and Edge routers.*



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