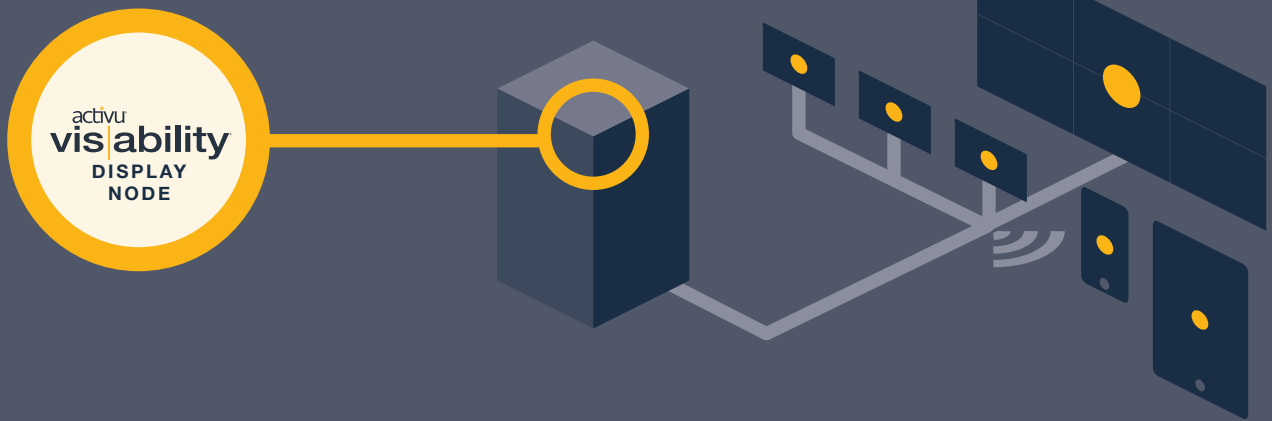


● Display Node



Display Node is vis|ability's display management software

Widely compatible, deployed on standard COTS hardware, and connected to an organization's network, **Display Node** allows vis|ability users to place and manage source content on video walls, desktops, and mobile devices.

Display Node can display any **Source** defined in the system, including web content, IP cameras, media files, images, capture client streams, and vis|ability **Spaces™**. Managed windows can be placed

anywhere, any size, on any wall. Content can overlap and be freely placed as needed. In addition, Display Node manages local applications, direct connected inputs (such as DVI, RGB, HDMI, or analog video), and coordinates the decoding of network sources directly on Display Node hardware, or through external **Decode Servers**.

Decode Server, used to offload a Display Node and decode streaming video from the network, can be deployed in whatever numbers

are needed to accommodate the decoding needs of the specific application. From just a few security cameras, to a city-wide system of hundreds of traffic cameras, the combination of Decode Servers and Display Node can handle the requirement.

Display Node is designed to be deployed across an organization: in control rooms, meeting rooms—anywhere Source content needs to be viewed and shared and a network connection is found.

Display Node System Specifications

Small form factor visibility Display Node to drive up to 12 HD outputs (via splitters), or up to 3 4K displays.

2RU Rackable visibility Display Node to drive up to 48 HD or 12 4K displays.

CPU	9th Gen Intel® Core™ i9-9900T (8 cores/16 v-cores, 2.10GHz, up to 4.40GHz, 16MB Cache)	Dual Intel Xeon Silver 41410Y (12 cores, 24 threads)
Memory	16GB RAM, DDR4 2666MHz	64GB 4x16GB DDR5
Graphics Output	NVIDIA Quadro P1000 4GB (4xMini DP, each 4k capable)	Up to two NVidia RTX-A4000
Graphics Input	CPU/GPU IP decode up to 12 HD streams	Up to 12 x Mini HDMI (Type C), and up to 2x 1Gbps Ethernet and support for up to 48x HD / 12x 4K IP video decodes
RAID Controller	N/A	PERC H330+ RAID Controller Card 12Gbps SAS/SATA (6.0Gb/s) RAID 0/1/5/10
Network	On board integrated ethernet NIC	Intel X550 2x10Gb, 2x1Gb NDC
Power Supply	135W power supply, au-to-switching 110-240v AC	Dual, Hot-plug, Redundant Pow-er Supply (1+1), 1600W
Operating System	Windows 11 Professional 64bit	Windows 11 IoT Enterprise LTSC