Display Node

vis|ability

Seamless Situational Awareness

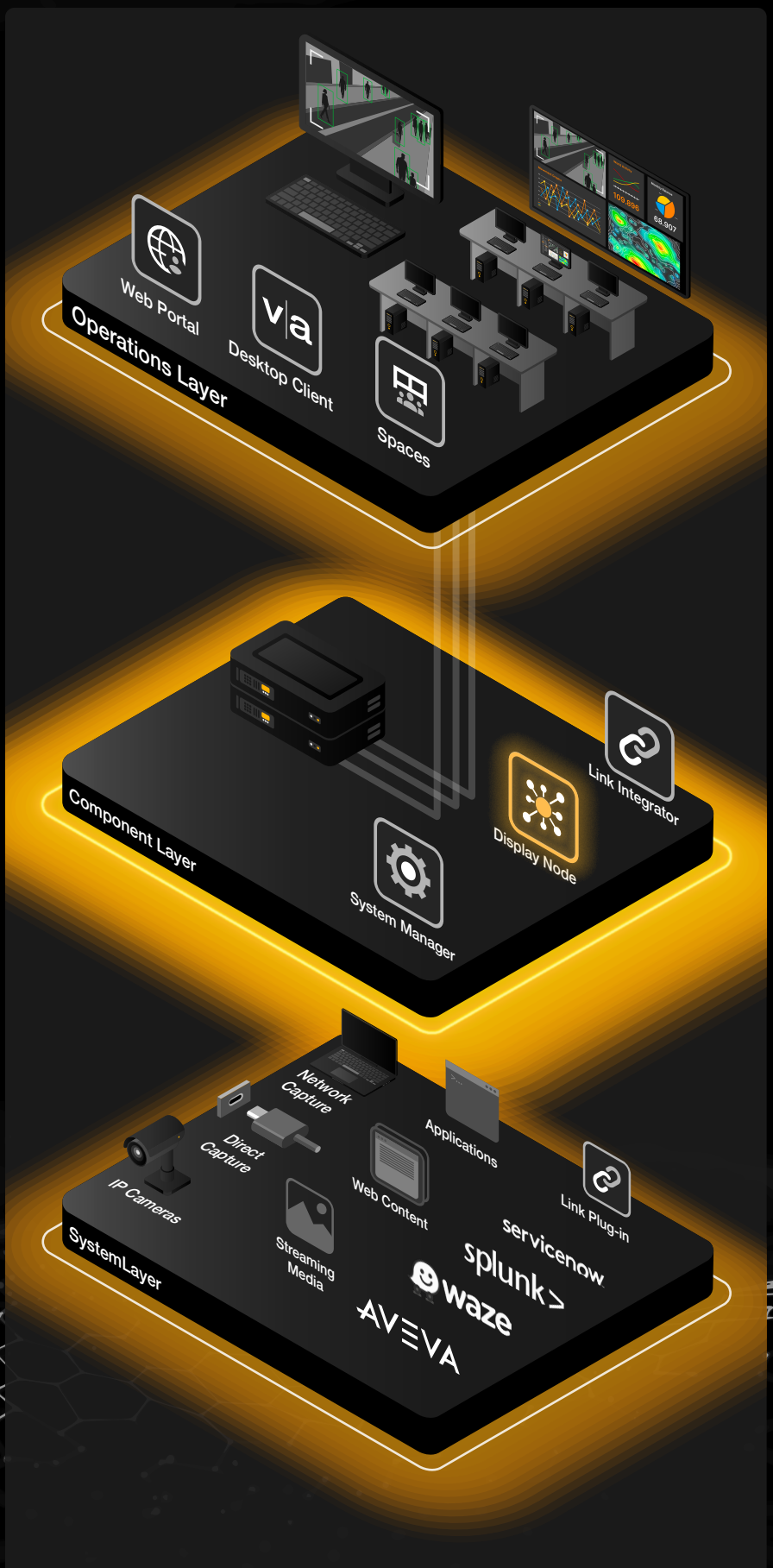
What is vis|ability Display Node?

Display Node software operates on any computer, scaling seamlessly from single monitors to expansive video walls.
It empowers network users to view any system-defined sources in any configuration across all connected displays.

- **Flexible**
  Transforms any display—whether a conference room monitor or a massive video wall—into a fully integrated system node or destination.
- **High-Resolution Support**
  Delivers seamless visualization of high-quality content across multiple displays, accommodating complex layouts and configurations.
- **Scalable Deployment**
  Easily adapts to environments of any size, supporting additional displays and configurations as operational needs grow.

Key Benefits

- **Enhanced Visual Impact**
  Provides crystal-clear, dynamic content presentation on any display, improving situational awareness and decision-making.
- **Increased Collaboration**
  Enables real-time sharing of critical information across displays, connecting teams and locations effortlessly.
- **Cost-Effective Scalability**
  Allows organizations to expand their system incrementally, using existing displays and infrastructure for greater ROI. A single Display Node can be configured to drive multiple independent video walls.
- **Seamless Common Operating Picture**
  Display Node can support specialized hardware, to provide direct inputs, support high-density IP decoding, and support capture and re-encoding of direct input devices, offering the flexibility and tools needed to accommodate even the most complex requirements.



Model →	Basic/Entry	Standard	Large/Advanced
Application Space	Single video walls, up to 16 HD displays (with external scaling), light duty, web dashboards, limited IP video decode	Multimedia video walls, up to 48 HD displays (with external scaling) or multiple independent video walls, direct capture input and IP stream decoding	Large video walls, up to 64 HD displays (with external scaling), multiple independent large video walls, high-capacity direct capture input and IP stream decoding
CPU	Core i7 12th generation or later SFF chassis, integrated graphics	Intel Core i9, current generation Discrete graphics Direct capture IP Decoding	Intel Xeon Discrete graphics Direct capture IP Decoding
Memory	16GB, DDR4	32GB, DDR5	64GB, DDR5
Graphics Output	Intel 700 series integrated graphics or better	AMD W7600, Nvidia RTX A4000 Multiple cards supported	
Video Wall Support	Up to 4 4K outputs single Video Wall	Up to 12 4K outputs or up to 48 HD outputs	Up to 16 4K outputs or up to 64 HD outputs
Graphics Input	Not supported	Support for Matrox IPX (Capture and Decode, Capture & Decode/Encode), Matrox C4K. Number of inputs limited by number of compatible slots in host computer and number of installed cards.	
Storage	256GB minimum available capacity, SSD recommended, RAID 1 or 5 recommended		
RAID	Recommended		
Network	Gigabit NIC		Gigabit NIC Multiple NIC support for redundant or multiple independent networks
Operating System	Windows 11 Pro x64 (LTSC)		
Sample Configuration	Intel NUC 13 Pro, i7-1360P, 16GB DDR4, Iris Xe Graphics (up to 4 outputs), 1TB SSD	Dell 3680 Tower, Intel i9 14th Gen, 32GB DDR5, AMD 7600 graphics, Matrox IPX Capture and Decode	ASUS W790-SAGE SE, XEON W7-345, 64GB DDR5, 512GB M.2 SSD x2, up to 4 Nvidia RTX-A4000 graphics cards, up to 6 Matrox IPX Input cards

The information contained herein is subject to change without notice.
Copyright ©2025 Activu Corporation