

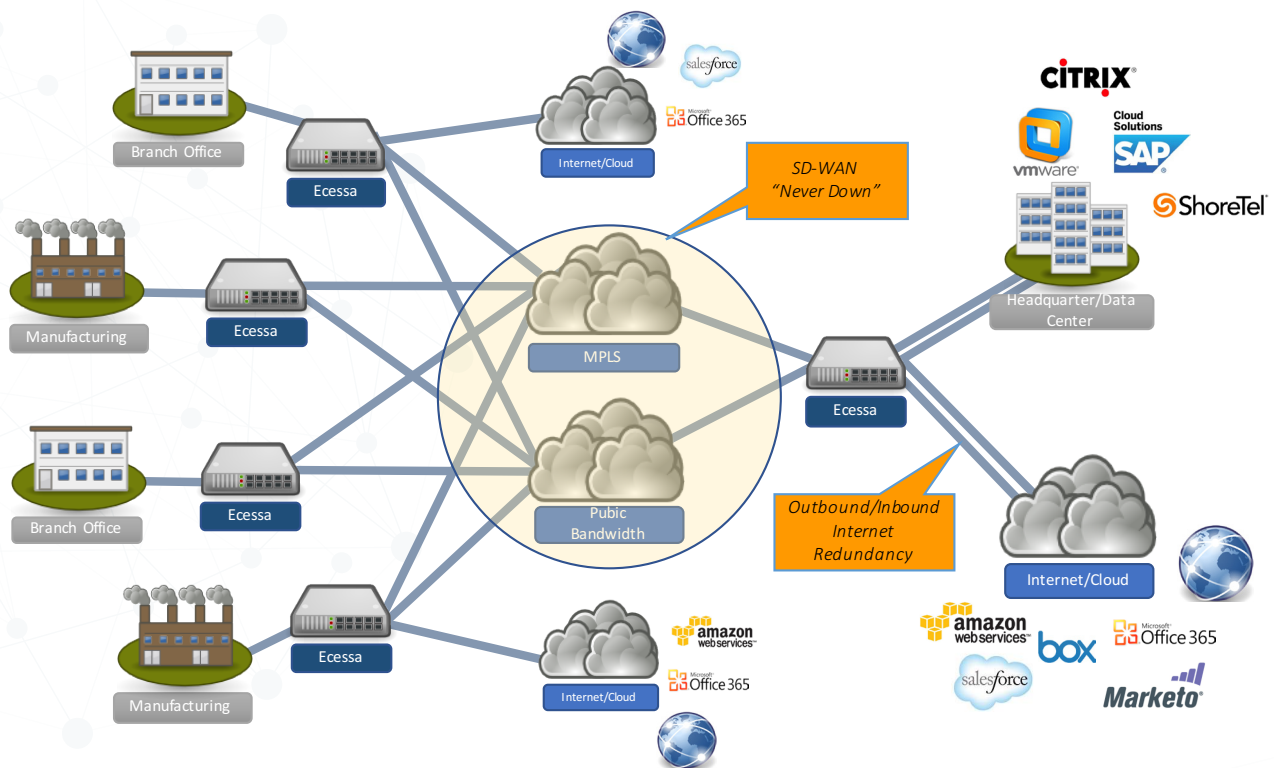
# INNOVATIVE SD-WAN TECHNOLOGY

## Enhance network performance and increase ROI with Ecessa WANworX™

Many of the WAN deployments today are based on older technology that was acceptable when businesses did not run at breakneck speed, or when operations didn't grind to a halt when connectivity was disrupted. Today's cloud-based applications, data centers and distributed networks, where so much is virtualized and delivered as-a-service, makes limited bandwidth and network outages no longer acceptable.

For these reasons, Ecessa created the WANworX product line; the most cost effective, scalable and flexible Software-Defined Wide Area Network (SD-WAN) solutions available. The unique combination of robust hardware, innovative software, network design and support services allows organizations with multiple locations to combine private MPLS/T1 leased lines and public broadband links. This creates secure, cost effective, high capacity, high quality, reliable and resilient networks.

The Ecessa WANworX products are offered both as premise based appliances and virtual instances. The technology leverages dedicated Ecessa presence at the edge, data center, corporate headquarters and Cloud to provide a scalable end-to-end solution. All traffic management features are located on the appliance with policies and configurations being managed through a web application. Routing and traffic shaping is done locally or globally within an existing corporate network leveraging multiple WAN connections from any combination of wired and wireless transports.



## Business problems solved by WANworX

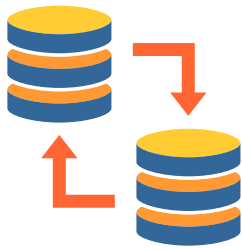
SD-WAN solutions, like WANworX, allow businesses to improve the user experience over any connection, whether that be premium-priced MPLS, lower-cost broadband, or cellular 4G or LTE. When coupling the potential savings in leveraging lower cost transports and reduced IT management with the efficiencies derived from increased bandwidth and always connected or active-active networks, businesses can easily justify an SD-WAN deployment.

## What can an organization expect with SD-WAN deployment?



### Improved Network Performance

There has been a dramatic increase in network complexity, demanding a new approach to how IT looks at its network and application performance infrastructures. Organizations are reliant on virtualization and new highly distributed application architectures, along with the reliance on remotely hosted business applications. Applications are coming from everywhere—the Cloud, Software as a Service (SaaS), data centers or branch, and even from users adding applications never approved by IT departments. This means performance can suffer due to the limitations of physics, as well as network complexity.



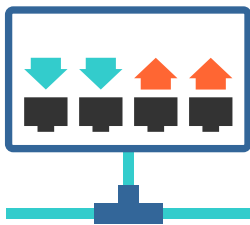
### Network Redundancy

One of the most expensive, and least quantifiable, costs associated with technology and networking today is the cost of downtime. The more organizations rely on technology for their day-to-day operations, the more detrimental any amount of downtime becomes.



### Reduced Telecom and Networking Expenses

Many of the new SD-WAN solutions can be used to improve and secure Internet connectivity, making it more competitive with expensive legacy WAN technologies such as T1 or MPLS. In some cases, SD-WAN technology uses Internet broadband connections to augment, or even replace, more expensive solutions. SD-WAN applies security and Virtual Private Networking (VPN) technology to broadband Internet connections, making them more secure. Additionally, SD-WAN has the advantage of removing potentially expensive routing hardware, by provisioning connectivity and services via the Cloud.



### Network Scalability

Enterprise customers are demanding more flexible, open and cloud-based WAN technologies, rather than installing proprietary or specialized WAN technology that often involve expensive fixed circuits, or proprietary hardware.

**Case Study: Impressive ROI and fast Payback**

Egan Company, a large commercial construction firm headquartered in Minneapolis, MN, saves over \$100,000 annually per site in technology expenses using WANworX SD-WAN solutions. WANworX has allowed Egan to decommission their MPLS network and instead use multiple, lower cost Internet connections. WANworX also improves their application performance, enabling additional cost savings by leveraging VDI, which eliminates significant equipment and maintenance expenses.

*“With Ecessa’s help our virtual PCs and VoIP systems at our remote sites have far greater usability and far greater reliability,” Jim Nonn, CIO, Egan Company.*

# ECESSA **Insight**™

## Management tools

Ecessa Insight™ is a centralized, browser-accessed management tool that gives IT staff the ability to configure, manage and monitor any Ecessa solution. Ecessa Insight provides customers with an end-to-end management tool that assists in the deployment of any Ecessa solution, as well as access to detailed network and device performance data in the years to come. The application can easily be customized through the use of multiple user-definable apps such as maps, dashboards and reports.

The customizable, widget-based framework enabled by Ecessa Insight allows users to build a single-pane-of-glass view, simplifying many common management tasks such as configuration and monitoring. This highly configurable and flexible orchestrator provides organizations with the ability to view multiple layers of physical and geographical topologies. Everything from configuration changes to an overview of network status can be accomplished on any device, anywhere and at any time. When paired with an Ecessa solution, an organization will not only minimize the time required to manage the network, but will gain unprecedented insight into network and application performance.

## About Ecessa

Ecessa designs and manufactures networking hardware and software that provides constant and seamless network connectivity for businesses. The company’s line of WAN controllers has over 10,000 field installations. Ecessa Edge™, PowerLink™ and WANworX™ controllers enable organizations of all sizes to use any type of private or public network bandwidth to reliably run their Internet and cloud-based applications, connect their offices worldwide and distribute traffic among a fabric of multiple, diverse WAN links, ensuring business continuity by removing bottlenecks and eliminating network downtime. The company’s SD-WAN technology optimizes Never Down™ performance of business-critical applications, aids in lowering IT costs and makes it easier to provision, maintain and support business networks and the applications that run over them.