

# Leostream 9 Product Details

## On-Premises, Cloud-Ready, Remote Access

### Any Cloud

Native support for AWS, Azure, and OpenStack, with generic support for any cloud platform using our Leostream Agent.

### Hosted Desktop Infrastructure (HDI)

Manage desktops hosted in HPE Moonshot systems.

### Workstations and Blades

Connect to workstations and blades from HP, Dell, and others. Supports high performance protocols such as Mechdyne TGX, HP RGS, and Teradici® PCoIP®

### Virtual Machines

Native support for VMware virtualization, including hosts that utilize GPU passthrough technologies.

### Multi-User Systems

Manage Microsoft RDS or multi-user Linux servers.

### Hosted Applications

Manage Microsoft RemoteApp servers. Connect the user directly to their application, or through the Leostream Gateway for anywhere access.

## Remote Access from Any Device or Location

### Client-less access

Use the Leostream Gateway to launch HTML5-based RDP, VNC, or SSH connections to Windows or Linux remote desktops. Enables users to connect to their Leostream environment from any device with a web browser, including iOS and Android devices.

### PCoIP Zero Client Support

Connect to any remote resource that supports the Teradici PCoIP protocol, including Windows, Linux, or macOS desktops with a PCoIP Remote Workstation Card, VMware virtual machines with a VMware Horizon Direct-Connection Plug-in, or desktops running the Teradici Cloud Access Software.

### Thin Client Support

Select from among the best thin clients on the market, including HP, Dell Wyse, IGEL, and more.

### BYOD

Connect from Windows, Linux, and macOS operating system.

### Display Protocols

Connect to remote resources using Microsoft RDP and RemoteFX, HP RGS, Mechdyne TGX, NICE DCV, rdesktop, Teradici PCoIP (software and hardware-based), NoMachine and FreeNX, VNC, Dell Wyse TCX. The Leostream Gateway supports RDP, HP RGS, and Mechdyne TGX for client-based remote access.

## Simple Set-up and Administration

### Simple Installation

Pull the appropriate package from the Leostream repository to easily install the Broker on the latest CentOS or RHEL7, Ubuntu 16.04, or SLES 12 SP3 operating system.

### Plug and Play

Easily configured to work with your current environment, including hosting platforms, firewalls, load balancers, and DNS servers.

### No Changes to Your Existing Infrastructure

Does not require changes to your enterprise systems, such as Active Directory or SSL VPNs.



## Ensure Business Continuity

### Provisioning

Automatically scale up and down the number of available desktops in your hybrid cloud based on user demand. Leostream can launch and delete virtual machines in VMware, OpenStack, Azure, and AWS so you can burst into the cloud when extra capacity is needed.

### Location Awareness

Assign desktops, printers, registry keys, and display protocols based on client location or type. Configure standard monitor layouts to apply to all clients in a particular location, for example, a trading floor.

### Session Stickiness

Establish policies to determine how long a desktop is assigned to a user. Supports persistent and non-persistent models, as well as a wide range of use cases in between.

### Classroom Workflows

Allow one user identity to log in from several clients for classrooms or call centers where all users log in using the same credentials but require unique machines.

### Desktop Failover

Backup pools ensure that users always have access to a resource, even if their primary desktop becomes unavailable.

### Dynamic Management of VM State

Set the power state of virtual machines (start, stop, suspend, and reboot) according to user policies. Saves on compute cost in cloud environments.

## Optimal Interoperability

### Directory Services

Authenticate users against one or more authentication servers including: Microsoft Active Directory, NIS, or OpenLDAP™ servers. Different types of authentication can be combined and used in parallel, and no changes to authentication servers are required, simplifying deployment. Domains do not need to be trusted.

### Multi-factor Authentication

Use multi-factor authentication systems, including RSA SecureID tokens, proximity cards, smart cards, client-side browser certificates, and biometric (fingerprint) authentication, enabling two-factor user authentication.

### SSL VPN Integration

Integrate with existing SSL VPN devices, including Cisco®, F5®, Juniper Networks®, and SonicWALL® firewalls,

## Global Scalability

### Scalability and Failover

Use multiple, clustered Connection Brokers to spread login and processing load. Manage all Connection Brokers in the cluster from a single web interface. In the case of a Connection Broker failure, user logins failover seamlessly to another Connection Broker.

### Load balancing

The Connection Broker and Leostream Gateways can be used with standard load balancers to disburse user logins across your cluster.

### Database support

Connect your Connection Broker cluster to either a PostgreSQL or Microsoft SQL Server® database to scale easily to tens of thousands of desktops and permit tens of thousands of logins per hour. Supports Amazon RDS.

## Centralized Management

### Web-based Administrator UI

Web interface provides convenient, “anywhere” access for administrators and users

### Session Management

Control user sessions from the moment the user signs into the Broker; includes manual disconnect and log out of users from their desktops, idle time monitoring, and more.

### Reports and Monitoring

Built-in reports show who is using resources in your environment, and for how long. Detailed information about the lifetime of the user’s session is stored in the Connection Broker database, providing in depth knowledge of your environment. Also integrates with Syslog servers for audit tracking.

### Real-time Alerts

Send email alerts when your hosting platforms go offline or pools run out of desktops, so IT can react to problems before users start logging in.



## About Leostream

Leostream, a vendor-independent software company, is a driver in the evolving virtualization and hosted resources space. Our flagship product, The Leostream Connection Broker, provides a comprehensive and scalable solution for organizations to deliver and manage Microsoft Windows and Linux desktops, remote sessions, and applications hosted in a private cloud, public cloud, or hybrid cloud environment through a single-pane-of-glass management interface. Leostream supports a wide range of high-performance display protocols and client devices to seamlessly integrate into virtually any IT environment. Leostream works closely with industry leaders such as: AWS, Microsoft, Microsoft Azure, OpenStack, Hypergrid, HP, HPE, VMware, Citrix, Dell, Cisco, Red Hat, SUSE, Canonical, Mechdyne, Teradici, and NICE to help deliver best-in-class hosted resources management.

Founded in 2002, Leostream Corporation is based in Waltham, Massachusetts. Leostream has hundreds of customers globally and an established reseller channel. The company is privately held with institutional investment from Meakem Becker Venture Capital.

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Leostream Corporation  
271 Waverley Oaks Road  
Suite 206  
Waltham, MA 02452

sales@leostream.com  
+1-781-890-2019