

# NICE Software Desktop Cloud Visualization QuickSpecs

**NICE offers leading software products aimed at company-wide management and optimization of computing and visualization resources.**

NICE DCV manages 3D applications balancing the users' sessions in the Cloud or on-premises. DCV is a remote visualization technology enabling secure and optimized access to Windows and Linux desktops and is designed for technical computing applications with a specific focus on graphic-intensive workloads.

DCV enables real-time remote working and collaboration among users via interactive sessions sharing – allowing sharing of a single physical or virtual GPU among multiple Linux sessions, while maintaining full graphic acceleration and workstation-class performance.

## Overview

Transferring pixels, instead of data, results in reduced network traffic, increased application performance, and improved security by keeping the data within the data center, also allowing for a better utilization of available hardware resources.

Designed to satisfy the requirements of the most demanding technical computing users, NICE DCV provides unprecedented performance with all major CAD, CAE, petrotechnical, medical and scientific visualization applications.

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## Standard Features

### Distribution Media and Software Documentation

NICE software is available for download from <https://support.nice-software.com/support/login> customer login required.

Customers may also download user guides and other documentation at <https://www.nice-software.com/download/nice-dcv-2017#documentation>

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### NICE Desktop Cloud Visualization (DCV)

**Desktop Cloud Visualization** is a remote 3D visualization technology which enables secure and optimized remote access to Windows and Linux desktops with a specific focus on graphic-intensive workloads.

#### How NICE DCV works

In a typical 3D visualization scenario, a software application uses local resources (CPU, memory, etc.) and sends a stream of graphics commands to a graphics adapter (GPU) installed on the workstation. The GPU renders the data into pixels and outputs them to one or more local displays. With NICE DCV, all applications run natively on remote hosts, which may also be consolidated and virtualized. The native GPU driver renders the scene geometry and graphics state on the remote physical or virtual GPU, and pixels are compressed and sent over the network to clients for local displaying.

#### NICE DCV Highlights

- Designed for technical users
- Connect to Linux and Windows desktops remotely with a single client
- Full GPU acceleration for OpenGL and DirectX applications
- Node and GPU sharing across multiple users
- Support for virtual machines using GPU pass-through or NVIDIA vGPU
- Hardware-accelerated H.264 encoding on NVIDIA Kepler and Maxwell cards
- Support for multiple displays with resolution matching
- Dynamic image quality adjustment to maximize frame rate in motion
- Encryption using the standard HTTPS and TLS algorithm

#### NICE DCV Supported Platforms

- **Server**
  - Microsoft Windows 7, 8.x, and 10
  - Microsoft Windows Server 2008 R2 and 2012 R2 and 2016 (single user only)
  - Red Hat Enterprise Linux 6.x and above
- **Native client**
  - Microsoft Windows 7, 8x and 10
- **HTML5 client**
  - Google Chrome

## Standard Features

- Firefox
  - Microsoft Edge
  - Microsoft Internet Explorer 11
  - Apple Safari
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- **NICE DCV on Amazon EC2**
    - Supports Elastic GPUs
    - Freely available on any graphic and non-graphic EC2 instance
    - Accelerated H.264 encoding on G2 and G3 instances
    - Powers Amazon Appstream 2.0
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## Service and Support

### HPE Services - Service and Support

**Get the most from your HPE Products.** Get the expertise you need at every step of your IT journey with [HPE Services](#). We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Services [Advisory Services](#) focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our [Professional](#) and [Operational Services](#) can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Services specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

#### Consume IT on your terms

[HPE GreenLake](#) brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

#### Managed services to run your IT operations

[HPE GreenLake Management Services](#) provides services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

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## Recommended Services

#### HPE Tech Care Service.

HPE Tech Care Service is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI-driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Tech Care Service has been reimagined from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Tech Care Service is available in three response levels. Basic, which provides 9x5 business hour availability and a 2-hour response time. Essential which provides a 15-minute response time 24x7 for most enterprise level customers, and Critical which includes a 6-hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>

## Service and Support

### **HPE Complete Care Service**

HPE Complete Care Service is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Services Services experts.

HPE Complete Care Service provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI-driven customer experience

<https://www.hpe.com/services/completecure>

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## Configuration Information

### Installation

NICE software installation instructions are available in the NICE product documentation <https://www.nice-software.com/download/enginframe-2017-1#documentation> and <https://www.nice-software.com/download/nice-dcv-2017#documentation>

HPE Services professional services can assist with installation and configuration. Contact your Hewlett Packard Enterprise salesperson for more information.

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### Models

NICE DCV 1 User Perpetual E-LTU

Q9R46AAE

**Notes:**

- This is the Perpetual License for NICE Desktop Cloud Visualization (DCV) only. The software provides remote access to a Linux or Windows desktop.
- Minimum 5 desktop licenses must be ordered.
- No support included in Q9R46AAE. Must add Q9R47AAE NICE DCV 1 user 1y Sup for each year of NICE support for each license (Required)

NICE DCV 1 User 1yr Support

Q9R47AAE

**Notes:**

- This is 1 year NICE Support for the NICE DCV Perpetual License
  - This SKU is also for support renewals for the NICE DCV 1 User Perpetual License
  - Minimum of 5 support licenses for desktop must be ordered per year.
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## Summary of Changes

<b>Date</b>	<b>Version History</b>	<b>Action</b>	<b>Description of Change</b>
03-Nov-2025	<a href="#">Version 5</a>	Removed	EnginFrame content was removed from the document
15-Nov-2021	<a href="#">Version 4</a>	Changed	Service and Support section was updated.
20-Jan-2020	<a href="#">Version 3</a>	Changed	1 year support is also for support renewals for existing licenses Standard Features and Configuration Information sections were updated
03-Sep-2019	<a href="#">Version 2</a>	Changed	Standard Features section was updated.
04-Jun-2018	<a href="#">Version 1</a>	New	New QuickSpecs

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