ArcGIS for Desktop Virtualization Dell Appliance
An Appliance that meets the demands of the next generation of ArcGIS for Desktop

For US customers only

The ArcGIS for Desktop Virtualization Dell Appliance is designed, tested, and optimized to successfully virtualize ArcGIS for Desktop. This includes providing the capability to deliver rich graphical experience when using ArcGIS Pro with 2D and 3D data. You can be confident because the ArcGIS for Desktop Virtualization Dell Appliance has been configured for you to simplify the delivery and deployment of ArcGIS for Desktop, including ArcGIS Pro, in a virtualized environment. The appliance addresses the ArcGIS Pro requirement for shareable Graphics Processing Units (GPU). This appliance, a collaborative effort between Esri/Dell/NVIDIA/VMWare, represents the most cost effective and quickest path to virtualizing ArcGIS for Desktop.

ArcGIS Pro
ArcGIS Pro reinvents desktop GIS. It is a central part of the ArcGIS platform. This brand new 64-bit desktop application lets you render and process your data faster than ever. ArcGIS Pro brings together 2D and 3D spatial analysis and visualization into a single application. You can work with multiple displays and layouts, and publish finished web maps directly to ArcGIS Online.

NOTE: ArcGIS for Desktop Concurrent Use licenses are required to work in a virtualized environment. Click here for more information on configuring Concurrent Use licenses.

ArcGIS for Desktop Virtualization Dell Appliance Benefits

Easy adoption: Eliminates much of the complexity and need for in-house expertise traditionally required by many virtualization solutions, so a staff with limited experience or time can deploy a virtual environment.

Shared Graphics Processing Unit (GPU): The shareable GPUs used in this server are the NVIDIA GRID K2 cards which enable graphics rich applications such as ArcGIS Pro to be used in a virtualized environment. The NVIDIA GRID vGPU technology allows for VMs to be configured with the GPU capability needed by the end user. With the vGPU technology, ArcGIS for Desktop, including ArcGIS Pro, can be used to its fullest potential. For an incredible game like user experience, this appliance enables up to 16 users, each with a virtual GPU using NVIDIA vGPU technology, and provides workstation-class performance.

Tested: The Appliance has been thoroughly tested by the Esri Performance Engineering team using the ArcGIS Pro Performance Test Suite, as well as hands on testing in the Esri Development Holistic Lab.
ArcGIS for Desktop Virtualization Dell Appliance Specifications

Dell Precision Rack 7910

- Two (2) Twelve-Core Intel ® Xeon ® E5-2680 v3 2.5 GHz Processors, 30 MB Cache
- Two (2) NVIDIA GRID™ K2 dual slot 10.5 inch PCI Express Gen3 Graphics Cards with two High end NVIDIA® Kepler™ graphics processing units (GPUs). The NVIDIA GRID K2 has 8 GB of GDDR5 memory (4 GB per GPU)
- 256 GB RAM (16 x 16 GB DDR4 RDIMMs)
- Eight (8) x 900GB 2.5 inch SAS (10000 RPM) Hard Drives with RAID 10
- Mini PERC 9 H730P HW RAID Card 12Gb/s SAS /SATA(6.0Gb/s)
- DVD+//-RW SATA Internal Drive
- Intel X540 (2x10GbE, 2x1Gbit) Quad Port Network Card
- iDRAC8 Enterprise
- Internal SD Module with 1x 8GB SD Card
- Dual 1100W Hot-plug, Redundant Power Supplies
- VMware ESXi 6.0 Embedded Image on Flash Media
- Three-Year Four-Hour On-Site Response, 24 Hours a Day, Seven Days a Week after Remote Diagnosis

If variations to this configuration are desired, please contact EsriHWRequest@esri.com to see if modifications are available.

The following items are not included with the appliance but are necessary for the appliance to function:

- **ArcGIS for Desktop Licenses** - This appliance is tailored for users that want to use ArcGIS Pro in a virtualized environment and it is assumed that the majority of users will already have the ArcGIS for Desktop software necessary. However, customers that need to purchase new (or add) ArcGIS for Desktop licenses to be used with the ArcGIS for Desktop Virtualization Dell Appliance, please contact your Esri Account Manager or EsriHWRequest@esri.com.

- **VMware software** - The appliance solution requires that a customer has VMware Horizon View software to provide a customer’s end users access to all of their virtual desktops. Many customers will already have VMware software implemented at their site, or have access to obtain the necessary VMware software. For those customer’s that do not have access to VMware software, this solution provides an additional cost option for the delivery of the VMware Horizon View software below. The customer will be responsible for the installation of the VMware Horizon View software unless the Professional Services Option is purchased.

- **Windows Desktop** - A supported Windows Desktop Operating System install (.iso) used for the operating system on the virtual machines.
## Pricing

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<tr>
<th>Item #</th>
<th>Description</th>
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<tr>
<td>148633</td>
<td>ArcGIS for Desktop Virtualization Dell Appliance</td>
<td>$29,500</td>
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<td></td>
<td><strong>Dell Precision Rack Options</strong></td>
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<tr>
<td>148634</td>
<td>Replace 256 GB RAM (16 x 16 GB DDR4 RDIMMs) with 512 GB RAM (16 x 32 GB DDR4 LRDIMMs) at time of purchase</td>
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<td>148635</td>
<td>Replace Eight (8) x 900GB 2.5 inch SAS (10000 RPM) Hard Drives in Appliance with Eight (8) x 400GB 2.5 inch SAS SSD (12 Gb/s) Hard Drives at time of purchase</td>
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<td><strong>VMWare Option</strong></td>
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<tr>
<td>148636</td>
<td>VMware Horizon View Standard Edition for up to 20 Users*</td>
<td>$8,300</td>
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<td><strong>Warranty Options</strong></td>
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### Professional Services Option

Please contact [EsriHWRRequest@esri.com](mailto:EsriHWRRequest@esri.com) if you are interested in obtaining a quote for on-site services to assist in getting the ArcGIS for Desktop Virtualization Dell Appliance installed within your environment.

*This VMware Horizon View Standard Edition option is licensed for up to 20 users, however, the appliance is built to support 16 ArcPro users.

## Support

### Dell Contact Options:
- Contact [Dell Technical Support](mailto:Dell%20Technical%20Support)

### Esri Contact Options:
- Contact Esri Support online using the [Support Request Form](mailto:Support%20Request%20Form) or call 1-888-377-4575, available from 5:00 a.m. to 5:00 p.m. (Pacific Time), Monday–Friday, excluding Esri holidays.
ESRI QUOTATION TERMS AND CONDITIONS

These prices and terms are valid only for items purchased and delivered within the United States excluding Guam, Puerto Rico, and the Virgin Islands.

This quotation information is proprietary and may not be copied or released other than for the express purpose of system selection and purchase. This information may not be given to outside parties or used for any other purpose without written consent from Esri.

ORDER PROCESS

The order process is initiated when Esri receives an original purchase order or some form of advance payment. Several additional documents (e.g., credit application, if not using credit card, and tax exemption certificate) are required to complete the order.

IMPORTANT! Collectively, these documents contain the authorizations and information necessary to ship proper versions of the software on the correct media. Please return them promptly to avoid unnecessary delays in shipping. Please return all documents by mail or express courier or as otherwise directed.

Please show the following remittance address on your purchase order:

Esri, File #54630, Los Angeles, CA 90074-4630

DELIVERY

FOB ORIGIN

Software: Allow 30 days from Esri's receipt of purchase order, signed software license agreement(s), and other documents, as required. Esri software license agreements may be accessed at esri.com/legal.

Hardware: Manufacturer's terms apply. Lead times depend on make/models purchased.

Standard delivery method is ground or two-day air for software and surface carrier for hardware. Actual delivery method may vary depending on weight. Other service is available for an additional fee (e.g., overnight delivery).

PAYMENT TERMS

Net 30 days, on approved credit.

WARRANTY

Warranty and service are provided by manufacturer(s).

TAXES

Prices quoted do not include applicable sales or use taxes unless so stated. Esri reserves the right to collect sales tax assessed by states as required by law. Esri will add state sales tax to the invoice unless Esri receives proof with the order that your organization is tax exempt or pays state tax directly.

Esri collects and pays sales tax in Alabama, Arizona, California, Colorado, Connecticut, Florida, Georgia, Hawaii, Illinois, Indiana, Kansas, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, Tennessee, Texas, Utah, Vermont, Virginia, Washington, and Wisconsin. In preparing your budget, please allow for applicable sales tax. Esri reserves the right to collect sales tax assessed by additional states as required by law.
ArcGIS for Desktop Virtualization
Dell Appliance
Domestic Order Form

12/11/15

BILL TO

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SHIP TO

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<td>$29,500</td>
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<tr>
<td>Item 148634 — Replace 256 GB RAM with 512 GB within standard appliance at time of purchase</td>
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<td>Item 148635 — Replace 8 x 900GB 2.5 inch SAS Hard Drives in Appliance with 8 x 400GB 2.5 inch SAS SSD Hard Drives at time of purchase</td>
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Optional Items

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<td>Sales Tax*</td>
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<td>Total Due Esri</td>
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THANK YOU FOR YOUR ORDER!

FAX YOUR ORDER TO
800-330-7053
ATTN.: Customer Service/Alan Chrest
Esri
380 New York Street • Redlands, CA 92373-8100

NOTES

A. If submitting a purchase order, a credit application will need to be completed if one is not already on file with Esri.
B. Delivery is based on manufacturer availability.
C. All sales are final. Opened boxes cannot be returned for credit.

PAYMENT OPTIONS
(a) Enclose a check payable to Esri with this form.
(b) Complete credit card authorization information below.
(c) Enclose a completed purchase order with this form. We will not ship without payment or purchase order enclosed. Acceptance of purchase order is based on credit approval.

CREDIT CARD AUTHORIZATION

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<td>MC</td>
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<td>Approval Code (Esri use only)</td>
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Cardholder Signature
Cardholder Printed Name
ESRI
CREDIT APPLICATION
COMPANY INFORMATION

COMPANY NAME: ____________________________
TELEPHONE: ________________________________
DBA: _______________________________________
FAX: _______________________________________ 
ADDRESS: ___________________________________
CONTACT: ____________________________________
LENGTH OF TIME IN BUSINESS: _________________ 
FEDERAL ID NO.: ___________________________
NUMBER OF EMPLOYEES: ________________
TAX EXEMPT: YES/NO. IF YES, PLEASE ATTACH
CORPORATION PROPRIETORSHIP PARTNERSHIP
COPY OF EXEMPTION CERTIFICATES FOR ALL STATES.
DATE OF INCORPORATION: _____________________
PREVENT: __________________________________ 
IF A CORPORATION, IN WHAT STATE INCORPORATED:
VICE PRESIDENT: _____________________________
PARTNER'S NAME(S): __________________________
PERSONS WITH CORPORATE SIGNATORY AUTHORITY:
COMPANY CLASSIFICATION: ____________
UNIVERSITY, COLLEGE, OR PUBLIC SCHOOLS
FEDERAL ID NO.: ___________________________
LOCAL, STATE, OR FEDERAL GOVERNMENT _______
BRIEFLY DESCRIBE YOUR COMPANY'S FUNCTION:
NONE OF THE ABOVE

BANK REFERENCE
(Please list all banks and banking account numbers; attach additional pages if necessary.)

BANK NAME: ________________________________
TELEPHONE: ________________________________
ADDRESS: ___________________________________
CONTACT: ____________________________________
CHECKING ACCOUNT NO.: _______________________
OTHER ACCOUNT NO.: _______________________
LOAN NO.: ________________________________

VENDOR REFERENCE
(PROVIDE 5)

NAME: ______________________________________
ADDRESS: ___________________________________
TELEPHONE: _________________________________
NAME: ______________________________________
ADDRESS: ___________________________________
TELEPHONE: _________________________________
NAME: ______________________________________
ADDRESS: ___________________________________
TELEPHONE: _________________________________
NAME: ______________________________________
ADDRESS: ___________________________________
TELEPHONE: _________________________________

ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE, INC. (ESRI), PAYMENT POLICY:
NET 30 DAYS, 1.5 PERCENT LATE FEE PER MONTH AFTER 30 DAYS.

BY SIGNING BELOW, COMPANY CERTIFIES AND ATTESTS FINANCIAL RESPONSIBILITY FOR ANY AND ALL CORRECT ESRI INVOICES
TO COMPANY AND ITS ABILITY TO PAY SUCH INVOICES IN ACCORDANCE WITH ESIRTS PAYMENT POLICY. COMPANY FURTHER
AGREES TO PAY REASONABLE ATTORNEY'S FEES, PLUS INTEREST, IN THE EVENT OF DEFAULT IN PAYMENTS IN COMPLIANCE WITH
ESRI POLICY. THE INFORMATION CONTAINED HEREIN IS ONLY FOR THE PURPOSE OF OBTAINING CREDIT AND AUTHORIZES ESRI
TO OBTAIN INFORMATION CONCERNING COMPANY'S CREDIT STANDING.

PLEASE FAX TO ESRI CREDIT ANALYST AT 909-307-3031 AND MAIL ORIGINAL.

BY: ________________________________ DATE: ____________________________