



Starter Kit – Getting Started Guide

READ THIS FIRST!

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This guide provides pointers to the resources and online documentation needed to quickly and easily get started with your Pano System Starter Kit.

If you run into problems and need assistance, check the online documentation and help resources (below) or contact our Customer Support via customer.panologic.com

Please review the steps in this document carefully. For detailed instructions browse to the underlined web addresses. You can also download a PDF of this guide from our website at www.panologic.com/getting-started/starter-kit and click on links.

Getting Help Online

For detailed help in planning, deploying, and evaluating a trial or proof of concept deployment using the Pano System Starter Kit, follow the online checklist at www.panologic.com/starter-kit

Comprehensive documentation on deploying, administering and troubleshooting the Pano System can be found at help.panologic.com. You can find other support resources at www.panologic.com/support.

The Customer Center at customer.panologic.com allows you to search the Knowledge Base, purchase Premium Per-Incident Support, or file a support case and contact our Customer Support staff.

Step 1 – Check System Requirements

Before installing check the platform-specific system requirements to make sure that you have all of the components and prerequisites needed for a successful deployment: www.panologic.com/help/systemrequirements

Step 2 – Download Software

Before installing the Starter Kit you'll need to download the latest version of our software – please point your browser to <http://download.panologic.com>. After completing the registration form, accept the End User License Agreement, select a version, and download the components you need.

You should download the **Pano System Appliance** (containing both Pano Controller and Pano Maestro), picking the platform that matches your selected hypervisor.

You'll also need to download **Pano Direct Service**, available for Windows 7 32-bit, Windows 7 64-bit, and Windows XP 32-bit. Check the online doc to see if you also need to use the bundled certificates for your Windows 7 installation.

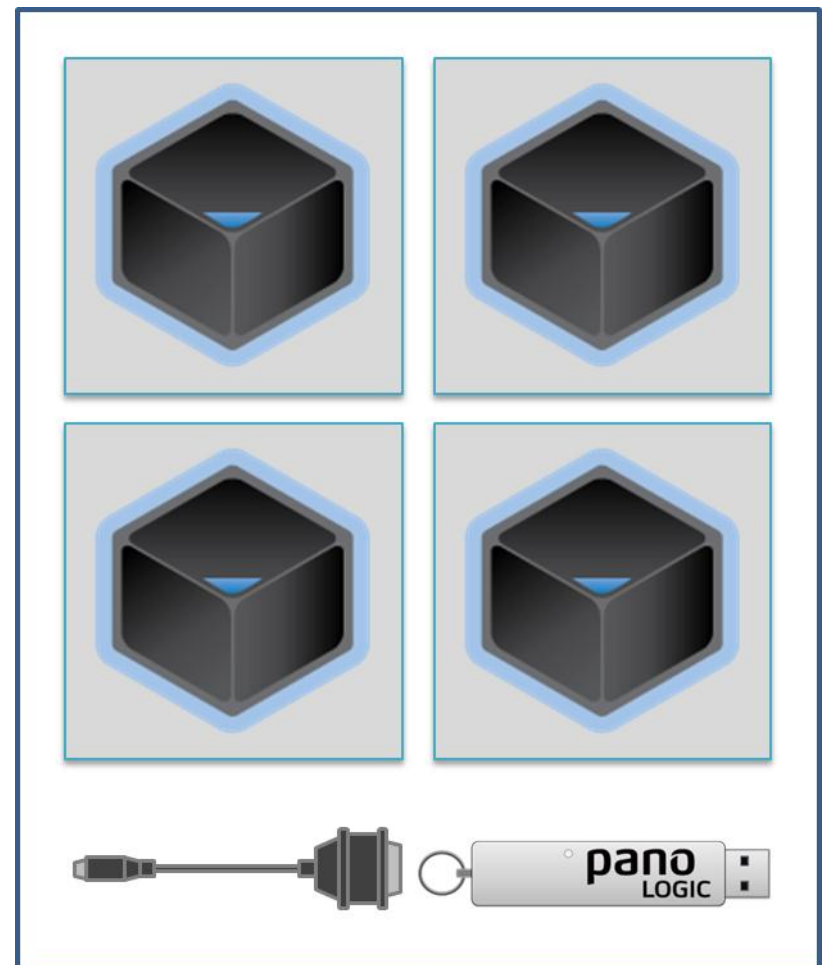
If using **Pano Remote** to connect from an unsecured external WAN like the Internet, you may also need to download the **Pano Gateway** software.

The Starter Kit does not include the **Pano Virtual Client** but you can download and run it for up to 60 days without a license.

Step 3 – Check Contents of Starter Kit

Each Starter Kit has the following components:

- Four Pano Systems – each of these are separately boxed and include:
 - Pano Zero Client endpoint
 - Power Supply for your region
 - DVI to VGA video adapter
 - Getting Started Booklet with EULA and Hardware Warranty information.
 - Download Credentials insert with the username and password needed to download the current version of Pano System
- One Pano Remote Key
- One Dual Monitor Cable



Step 4 – Deploy Pano System

There is an overview of Pano System Deployment at www.panologic.com/help/go

The sections below each cover one of the supported combinations of broker and hypervisor. Select the one that matches your deployment plans.

For each step in the selected section, use the supplied links to browse to a corresponding area of the online documentation and follow the detailed deployment instructions listed there.

PANO CONTROLLER ON VMWARE VSPHERE ESX:

- 1) Install Pano Controller for VMware – www.panologic.com/help/vmware/controller
- 2) Integrate Pano Controller into your VMware environment – www.panologic.com/help/vmware/integrate
- 3) Connect Pano Controller to vCenter – www.panologic.com/help/vmware/vcenter
- 4) Connect Pano Zero Clients – www.panologic.com/help/panos
- 5) Prepare Desktop VMs (DVMs) – www.panologic.com/help/vmware/prepdvms
- 6) Create and Manage DVM Collections – www.panologic.com/help/vmware/dvms
- 7) Optimize DVM Performance – www.panologic.com/help/optimize
- 8) Install Pano Maestro (optional) – www.panologic.com/help/maestro
- 9) Configure Pano Controller Groups (optional) – www.panologic.com/help/groups

VMWARE VIEW ON VMWARE ESX:

- 1) Install Pano Controller for VMware – www.panologic.com/help/vmware/controller
- 2) Integrate Pano Controller into your VMware environment – www.panologic.com/help/vmware/integrate
- 3) Integrate Pano Controller into VMware View – www.panologic.com/help/view/integrate
- 4) Connect Pano Controller to VMware View acting as Desktop Broker – www.panologic.com/help/view/broker
- 5) Configure VMware View Agent – www.panologic.com/help/view/agent
- 6) Connect Pano Zero Clients – www.panologic.com/help/panos

- 7) Prepare Desktop VMs (DVMs) – www.panologic.com/help/view/prepdvms
- 8) Create VMware View DVM Collection – www.panologic.com/help/view/dvms
- 9) Optimize DVM Performance – www.panologic.com/help/optimize
- 10) Install Pano Maestro (optional) – www.panologic.com/help/maestro
- 11) Configure Pano Controller Groups (optional) – www.panologic.com/help/groups

PANO CONTROLLER ON MICROSOFT HYPER-V:

- 1) Install Pano Controller for Microsoft – www.panologic.com/help/hyperv/controller
- 2) Integrate Pano Controller into your Hyper-V environment – www.panologic.com/help/hyperv/integrate
- 3) Prepare Desktop VMs (DVMs) – www.panologic.com/help/hyperv/prepdvms
- 4) Connect Pano Zero Clients – www.panologic.com/help/panos
- 5) Create and Manage DVM Collections – www.panologic.com/help/hyperv/dvms
- 6) Optimize DVM Performance – www.panologic.com/help/optimize
- 7) Install Pano Maestro (optional) – www.panologic.com/help/maestro
- 8) Configure Pano Controller Groups (optional) – www.panologic.com/help/groups

CITRIX XENDESKTOP ON VMWARE ESX:

- 1) Install Pano Controller for VMware – www.panologic.com/help/vmware/controller
- 2) Integrate Pano Controller into your VMware environment – www.panologic.com/help/vmware/integrate
- 3) Connect Pano Controller to XenDesktop Controller acting as broker – www.panologic.com/help/xen/broker
- 4) Connect Pano Zero Clients – www.panologic.com/help/panos
- 5) Prepare Desktop VMs (DVMs) – www.panologic.com/help/xen/prepdvms
- 6) Create and Manage DVM Collections – www.panologic.com/help/xen/dvms

- 7) Optimize DVM Performance – www.panologic.com/help/optimize
- 8) Install Pano Maestro (optional) – www.panologic.com/help/maestro
- 9) Configure Pano Controller Groups (optional) – www.panologic.com/help/groups

CITRIX XENDESKTOP ON XENSERVER:

- 1) Install Pano Controller for XenServer – www.panologic.com/help/xen/controller
- 2) Integrate Pano Controller into your XenServer environment – www.panologic.com/help/xen/integrate
- 3) Connect Pano Controller to XenDesktop Controller acting as broker – www.panologic.com/help/xen/broker
- 4) Connect Pano Zero Clients – www.panologic.com/help/panos
- 5) Prepare Desktop VMs (DVMs) – www.panologic.com/help/xen/prepdvms
- 6) Create and Manage DVM Collections – www.panologic.com/help/xen/dvms
- 7) Optimize DVM Performance – www.panologic.com/help/optimize
- 8) Install Pano Maestro (optional) – www.panologic.com/help/maestro
- 9) Configure Pano Controller Groups (optional) – www.panologic.com/help/groups

Step 5 – Obtain and Load License Key File

All Pano Logic software will run for up to 60 days without requiring you to load a license key. Each customer has one license key file that covers all product and support purchases. In some cases you may need to obtain and load your license key file before performing a Pano System upgrade.

To obtain and load your license key file follow the steps below:

- 1) If you haven't already done so, register for an account on the Pano Logic Customer Center at <http://customer.panologic.com>.
- 2) Login to the Customer Center and select "Get License" from the Home page. Save the .xml license key file.
- 3) Login to the Pano Controller Console and click on Manage Licenses on the Setup tab to get to the License Manager to load the License Key file and enable your licenses.

Step 5 – Pano Remote and Pano Gateway

Follow the steps below to deploy Pano Remote and optionally add Pano Gateway to secure Internet connections:

- 1) If connecting Pano Remote clients who are outside your secure LAN, download the optional Pano Gateway component using the instructions on the first page of this guide.
- 2) Deploy Pano System using the appropriate platform-specific section above.
- 3) Follow the instructions listed in the online help to deploy and test Pano Remote and Pano Gateway – help.panologic.com/panoremove

Step 7 – Planning and Evaluation

The Starter Kit online checklist also includes sample materials to help plan an evaluation and collect relevant information – details and sample files you can download are at:

- 1) **Create a Test Plan** – www.panologic.com/starter-kit-test-plan
- 2) **Evaluate the User Experience** – www.panologic.com/starter-kit-evaluate
- 3) **Build your VDI Business Case** – www.panologic.com/starter-kit-business-case

Included Maintenance and Support

Each Starter Kit also includes a 60-day Premium Support & Maintenance Subscription providing 11x5 online, email and phone access to our Customer Support staff.

Every Pano System includes 1 year of Maintenance updates for Pano System software, continuing access to online Basic Support resources and a 3 year limited hardware warranty on Pano Zero Clients.

Contacting Our Customer Support Group

Our Customer Support staff is ready to help you with any questions or technical issues – to contact them, please go online at customer.panologic.com. Our Customer Support staff is available via email and phone from 6 am to 5 pm (Pacific Time), Monday through Friday, excluding holidays.