

Actiphy Rapid Deploy

OS deployment tool supporting Windows 11

～ Deploy a Source Image to Client PCs via a Network ～

October 9, 2025

Actiphy, Inc.

What is Actiphy Rapid Deploy?

Deployment Tool significantly enhanced performance and scalability for deployment work

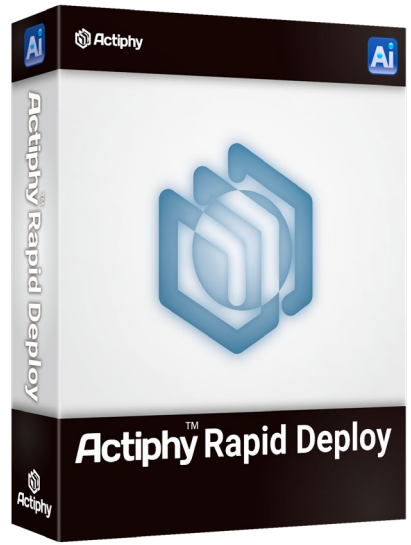
- ImageCast Server is provided as a distribution server enabling to multi-cast a source image to client PCs via a network as well as Deploy Media Creator equivalent to the existing deployment tool (ActiveImage Deploy USB).
- Actiphy's TCP-SlideCast provides revolutionary multicast capabilities minimizes the strain on the server and network resources.
- iPXE Boot is supported to provide quick boot of ImageCast client PC. NEW

Main Features of Actiphy Rapid Deploy

- Create a source image of a source computer for deployment.
- Multi-cast a source image to client PCs for deployment over a network.
- Stand-alone deployment of a source image to a target PC.
- Create a Restore Media.

Advantages of Actiphy Rapid Deploy™

- Easy to provide the environment ready for constant use to deploy a source image to many PCs periodically.
- Provides centralized monitoring/management tool for multi-casting deployment of a source image to client PCs via a network.
- Significantly reduces the time required for creating Deploy Media embedded with a source image.
- Meeting a variety of users' needs, stand-alone deployment tool equivalent to the predecessor product is also provided.



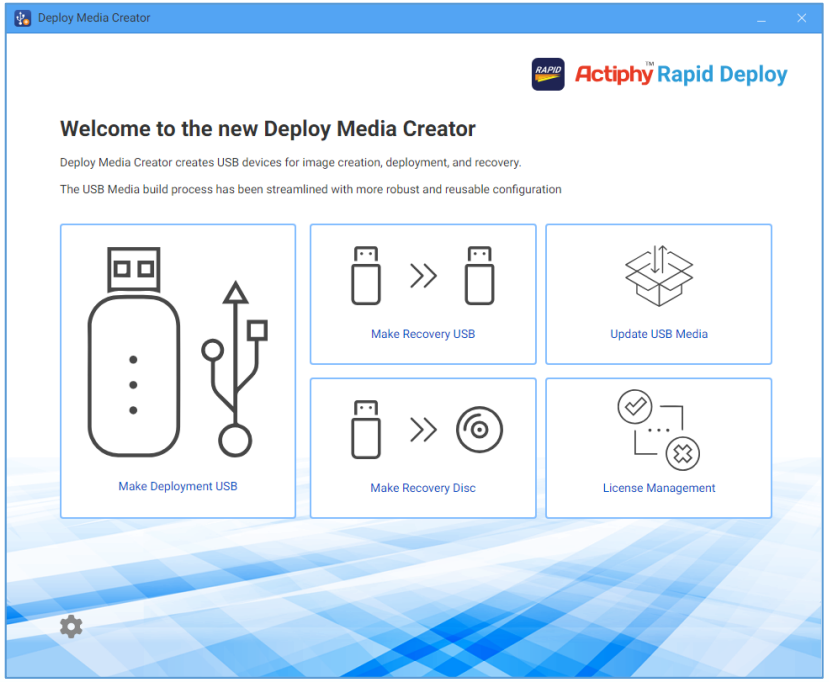
Actiphy Rapid Deploy™ Product Configuration

Actiphy Rapid Deploy™ is composed of Deploy Media Creator™ (equivalent to the predecessor product ActiveImage Deploy USB) and the newly developed ImageCast Server™.

Deploy Media Creator

Deploy Media Creator creates Deploy Media for creating a source image of a source computer / bootable media (ImageCast client) for connecting from client PCs to ImageCast Server (distribution server) / Restore Media and updating USB media.

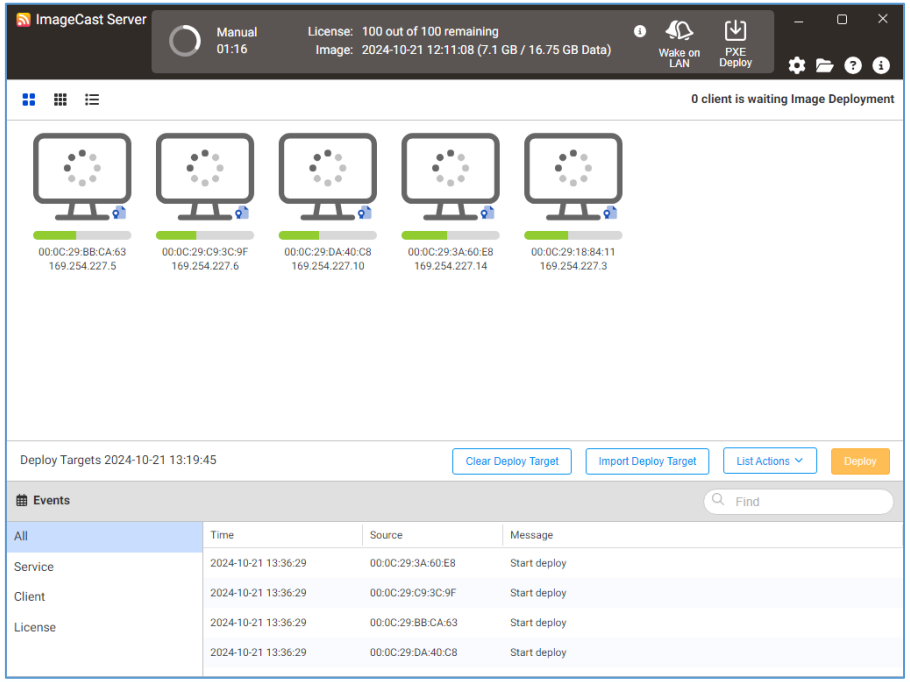
Deploy Media Creator Console



ImageCast Server

ImageCast Server is a distribution server that enables multi-casting of a source image via a network, monitors and manages deployment task execution status, and tracks deployment progress. Using ImageCast Server allows quick deployment of a source image created in Deploy Media.

ImageCast Server Console

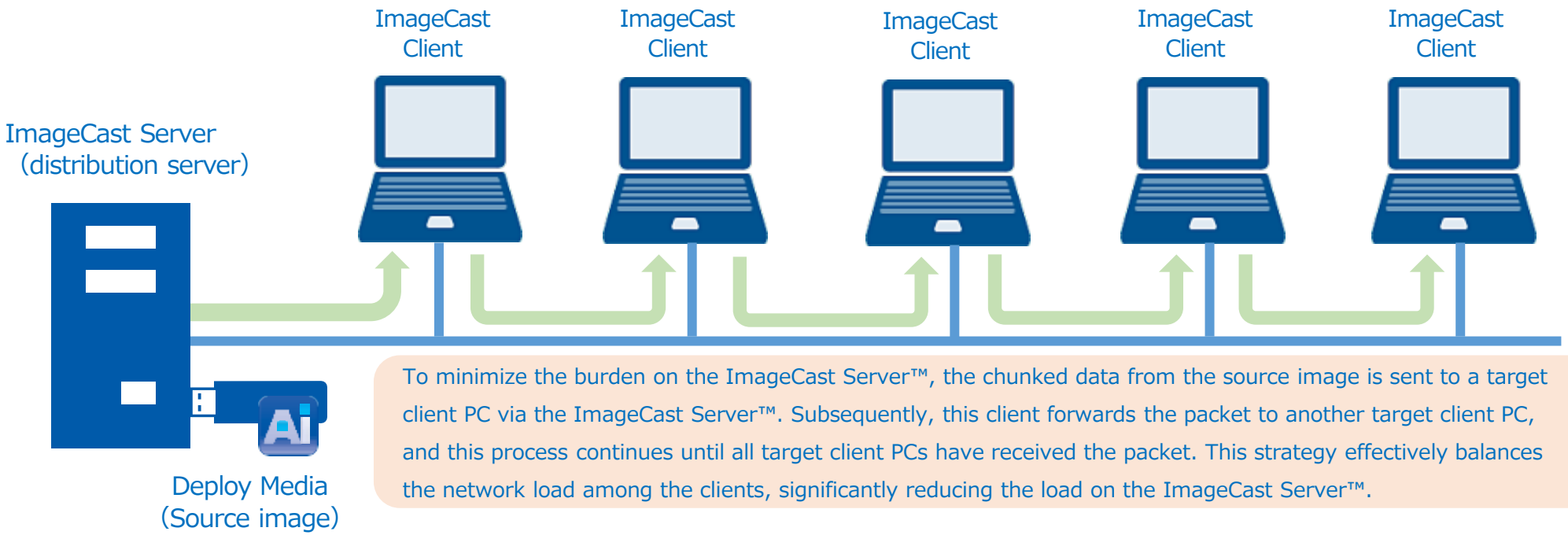


Efficiently deploy a Source Image to Client PCs via a Network

TCP-SlideCast™ technology revolutionizes multicast capabilities

TCP-SlideCast™ technology revolutionizes multicast capabilities, enabling the efficient transfer of a source image to multiple client PCs with ease. TCP-SlideCast technology is utilized to transfer a source image data across multiple client PCs, minimizing the strain on the server and network resources by distributing the load across multiple client PCs.

Actiphy Rapid Deploy™ Deployment method（TCP-SlideCast™ Technology）



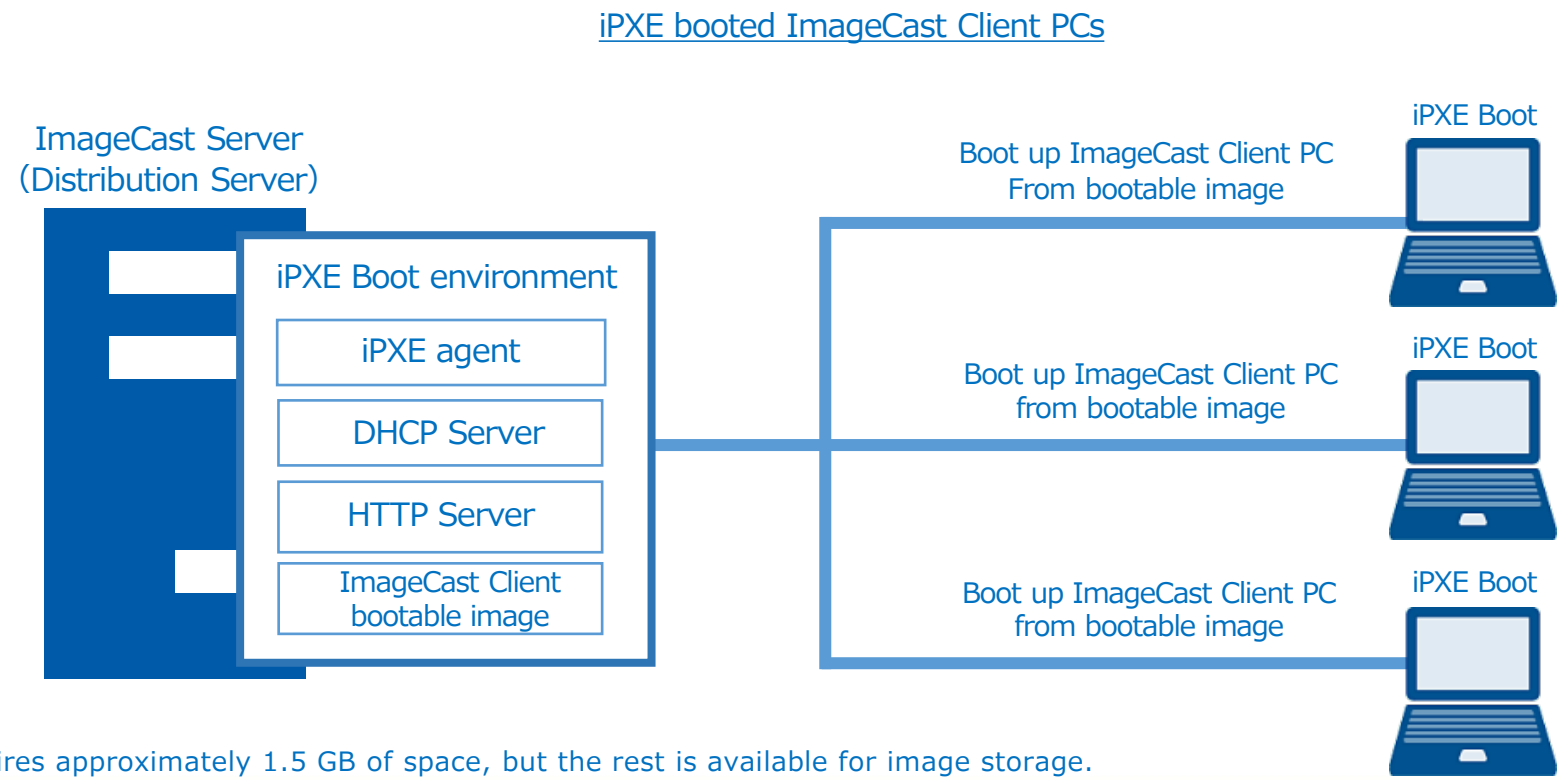
To minimize the burden on the ImageCast Server™, the chunked data from the source image is sent to a target client PC via the ImageCast Server™. Subsequently, this client forwards the packet to another target client PC, and this process continues until all target client PCs have received the packet. This strategy effectively balances the network load among the clients, significantly reducing the load on the ImageCast Server™.

Quickly boot up ImageCast client computer

Fast iPXE Boot is supported NEW

ImageCast Server, distribution server, is now implemented with PXE boot feature, the network boot system, enabling to boot up ImageCast client PCs from a ImageCast client bootable image over a network. It also supports the new iPXE, extension of the traditional PXE feature. According to our test result, the new iPXE boot is approximately 5 times faster than the traditional PXE boot.

* According to our test results: iPXE boot time : About 30 seconds, PXE boot time: About 2 minutes and 30 seconds.



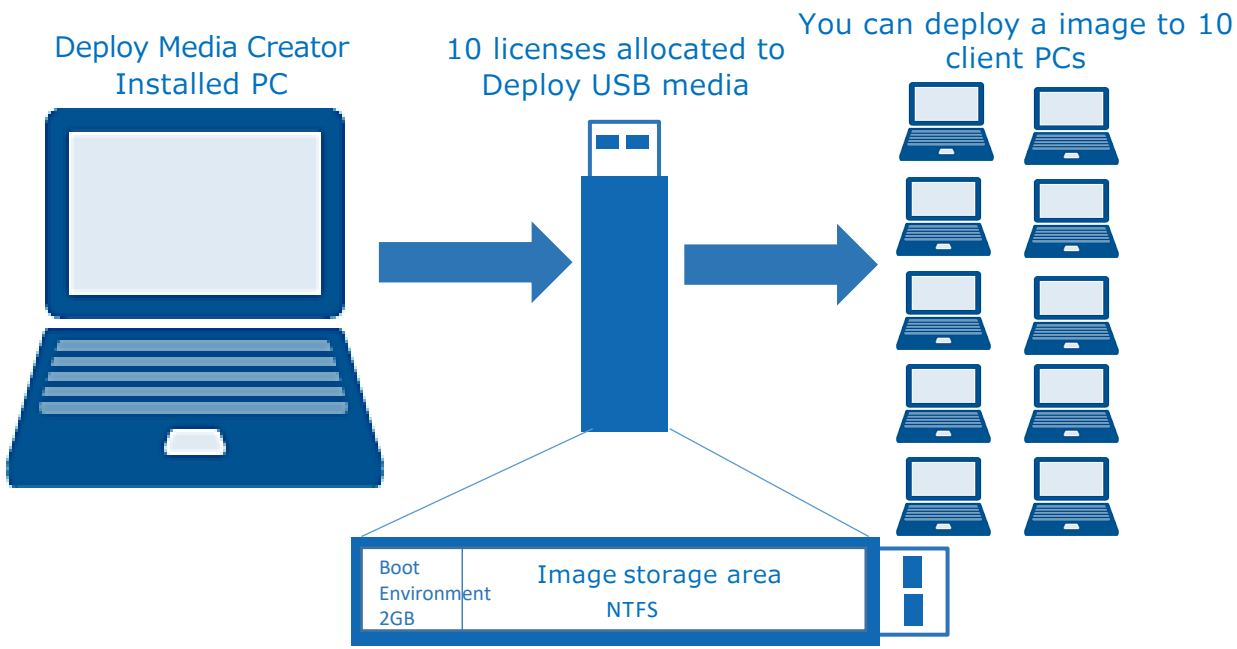
※The boot environment requires approximately 1.5 GB of space, but the rest is available for image storage.

Use Deploy Media Creator™ to create Deploy USB media containing a source image

User friendly GUI enabling operations to create Deploy USB media

Menu-driven interface of Deploy Media Creator enables easy-to-use controls of operations to create Deploy USB media by adding device drivers. The number of licenses on the Deployment of USB media must match or exceed the number of target PCs for deployment. For instance, a Deploy USB media with 10 licenses allows the deployment of the source image to 10 client PCs.

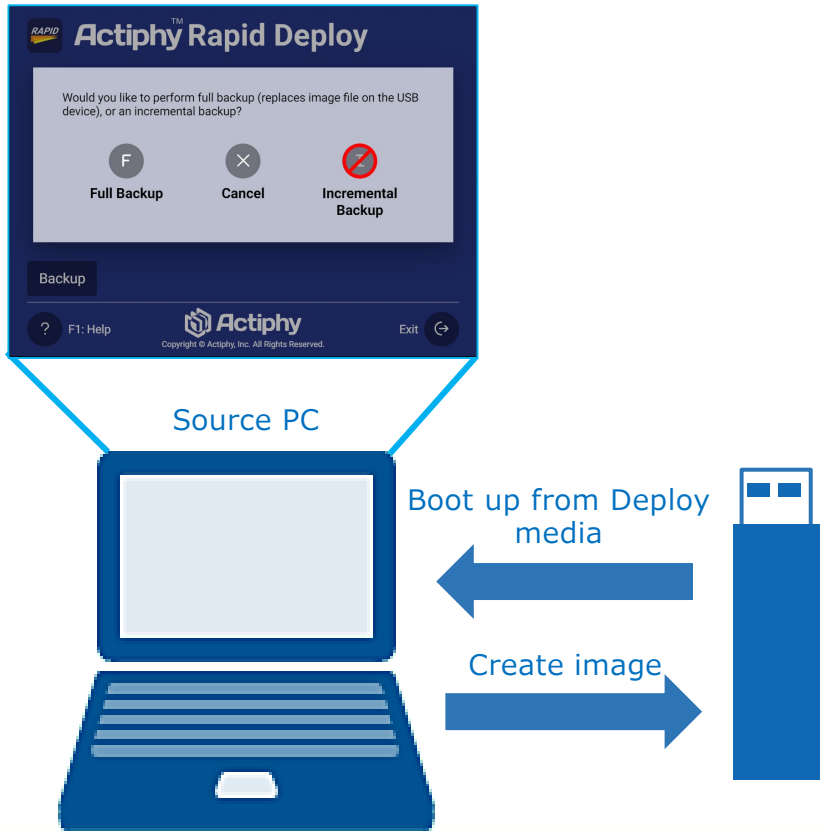
Deploy Media Creator



A single click quickly creates a source image

To back up the source computer, connect the Deploy USB media and power it on. Booting up and clicking the [Full Backup] button backs up the source computer, saving the image on the Deploy USB media.

Source image creation



※The boot environment requires approximately 2GB of space, but the rest is available for image storage.

Deploy a source image to ImageCast client PCs over a network : iPXE Boot NEW

Actiphy

Actiphy Rapid Deploy enables to efficiently deploy a source image to client PCs via a simple network

① **Connect the Deploy USB media containing a source image to ImageCast Server (distribution server).**

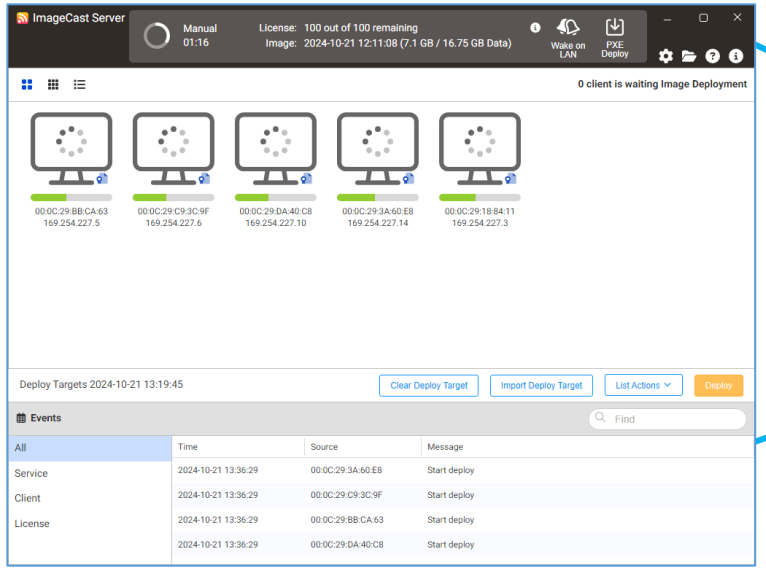
② **Connect the deployment target client PCs to a network.**

③ **iPXE boot the client PCs from ImageCast Client boot image, and the client PCs are automatically connected to ImageCast Server.**

④ **Make sure that every client PCs are connected to ImageCast Server and start executing Deploy task.**

④

ImageCast Server console



ImageCast Server
(distribution server)





①

Deploy USB media
(source image)

②



③

ImageCast client console

```
Getting IP and MAC ...
IP: 169.254.227.5, Mac: 00:0C:29:BB:CA:63
Discovering
Connected to ImageCast server 169.254.227.169
Connected
```

Efficiently deploy a Source Image to Client PCs via a Network: boot up via a boot media

Actiphy Rapid Deploy enables to efficiently deploy a source image to client PCs via a Network

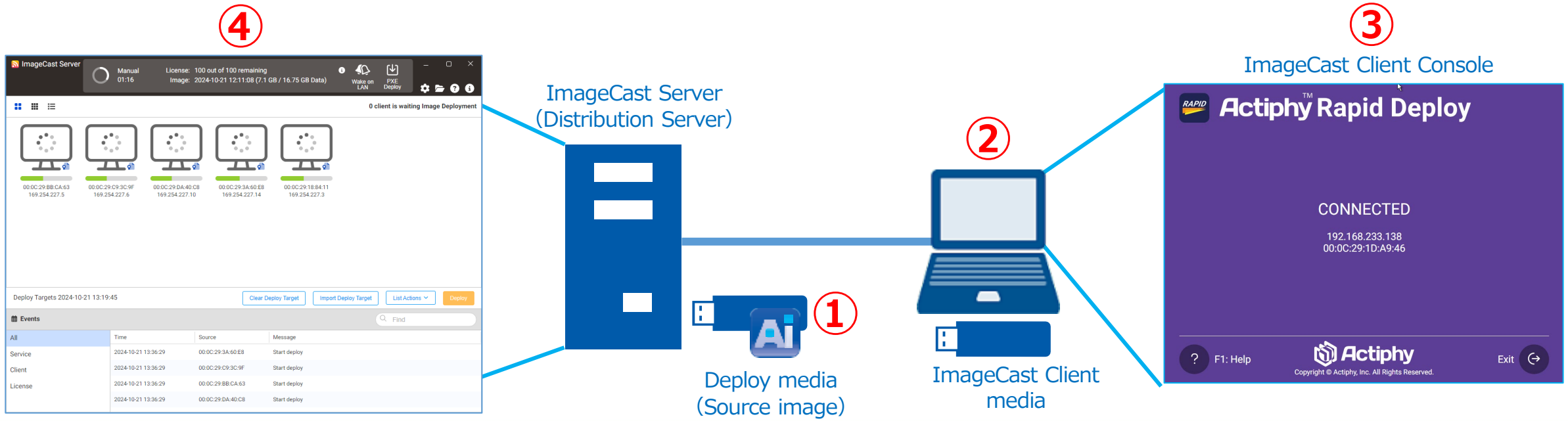
① **Connect the Deploy USB media containing a source image to ImageCast Server (distribution server).**

② **Connect the deployment target client PC to a network.**

③ **Boot up the client PCs from ImageCast Client Media (boot environment), and the client PCs are automatically connected to ImageCast Server(*).**

④ **Make sure that every client PC is connected to ImageCast Server and start executing Deploy task.**

***When the connection from client PCs to ImageCast Server is established, the ImageCast Client Media can be ejected.**



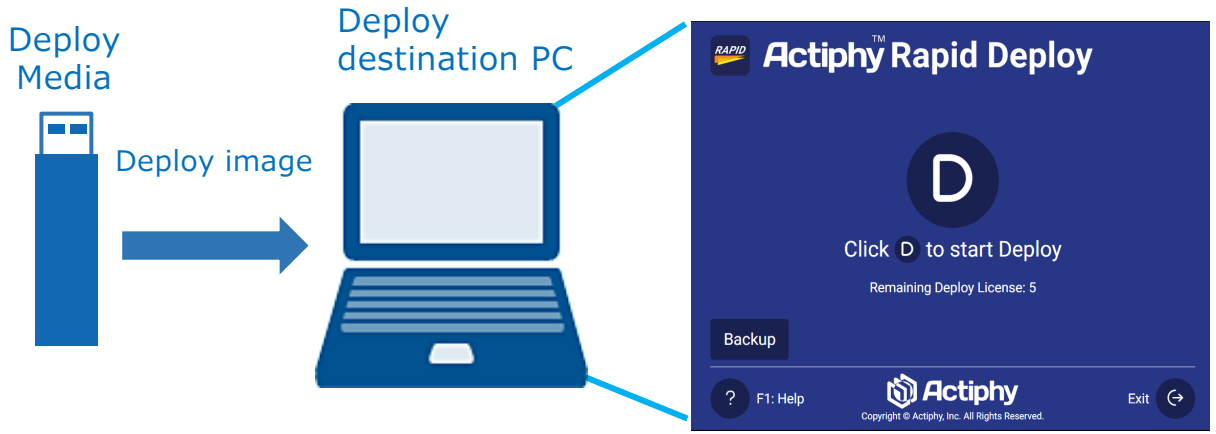
Deploy Media Creator provides stand-alone deployment tool

Using stand-alone deployment tool equivalent to the predecessor product ActiveImage Deploy USB, a single click quickly deploys the source image to target computers, eliminating the need for network connection and distribution server. You only need to plug in the created Deploy USB media, power-on the computer and you can deploy the embedded source image of the preconfigured computer system to new client PCs. You can deploy a source image to a small number of PCs even in a meeting room.

One-Click offers Quick Deployment

Boot the system from the Deploy USB media with an embedded source image. A single click on [D] button quickly deploys the source image to target computers.

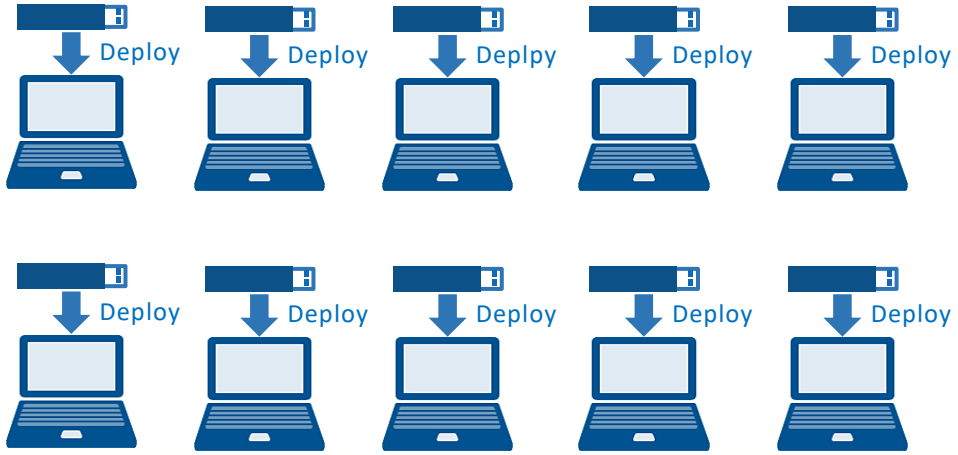
One-click quick deployment



Deployment of the source image to a large number of newly purchased PCs

Create Deploy USB media as many as the number of target PCs and simultaneously run the task to deploy the source images of the source computers to a number of PCs. Deployment to SSD connected to PC completes at 40secs / 10GB speed.

A large number of PC deployment in a short time



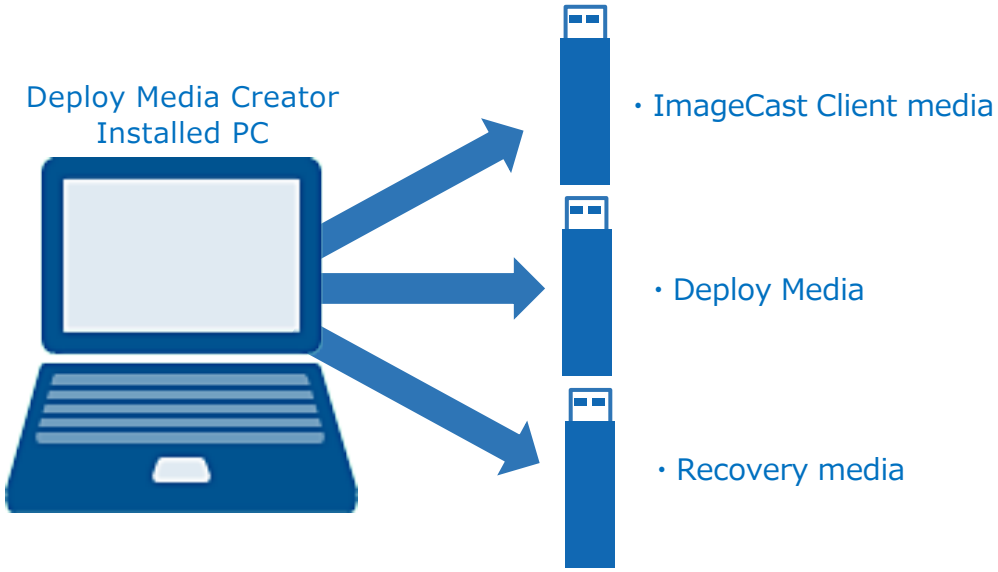
Actiphy Rapid Deploy (1)

Simultaneous creation of USB media

The latest software version supports the simultaneous creation of up to 30 ImageCast client media, Deploy USB media, and Restore USB media. This feature significantly reduces processing time, especially on PCs with multiple USB slots.

Performance Insight: Tests indicate that creating one ImageCast client media takes approximately 2 minutes, and creating three simultaneously takes about 2 minutes and 10 seconds, showcasing the efficiency of parallel processing.

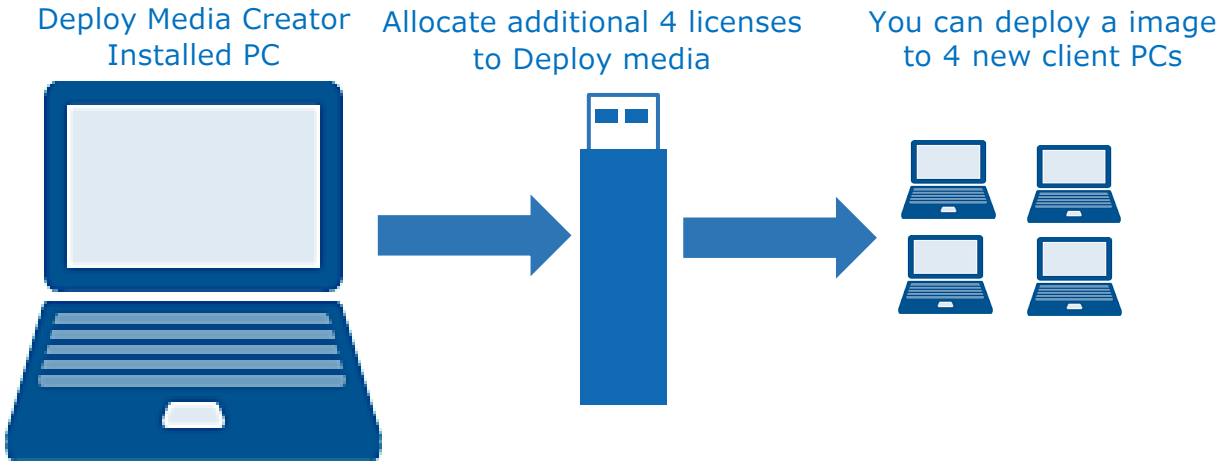
Simultaneous creation of USB media



License Management and Expansion

Deploy USB media comes with licenses that allow the deployment of a source image to new client PCs on a one-license-per-PC basis. When all allocated licenses are used, additional licenses can be easily added via the Deploy Media Creator™ console, enabling continuous deployment to further client PCs.

Allocate additional licenses to Deploy media

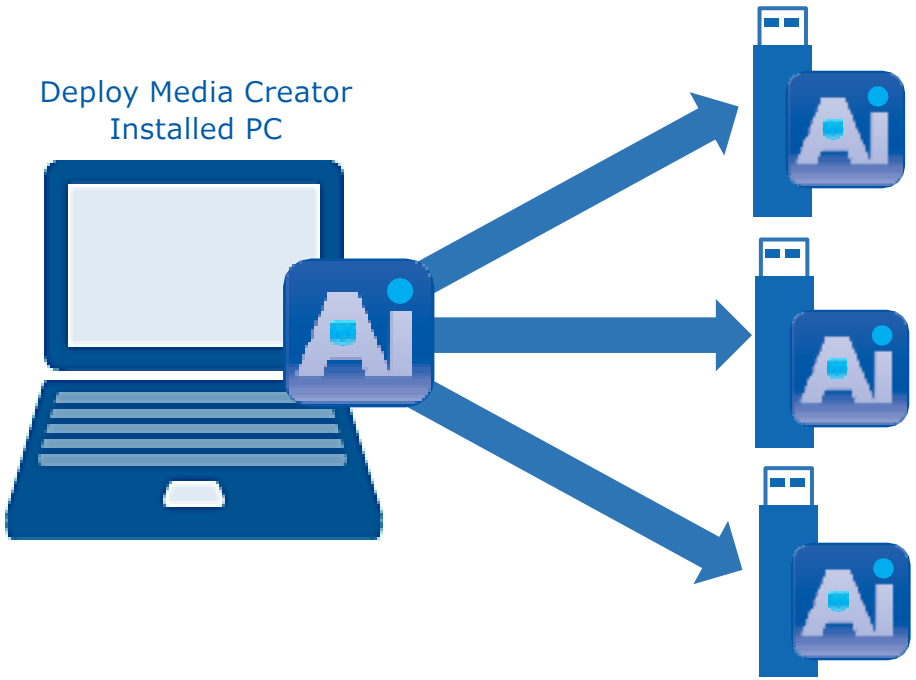


Actiphy Rapid Deploy（2）

Easy Source Image Management on Deploy USB media

Adding or replacing a source image on Deploy USB media can be done without using up an additional license or recreating Deploy USB media, but facilitating effortless update and management of deployment source images.

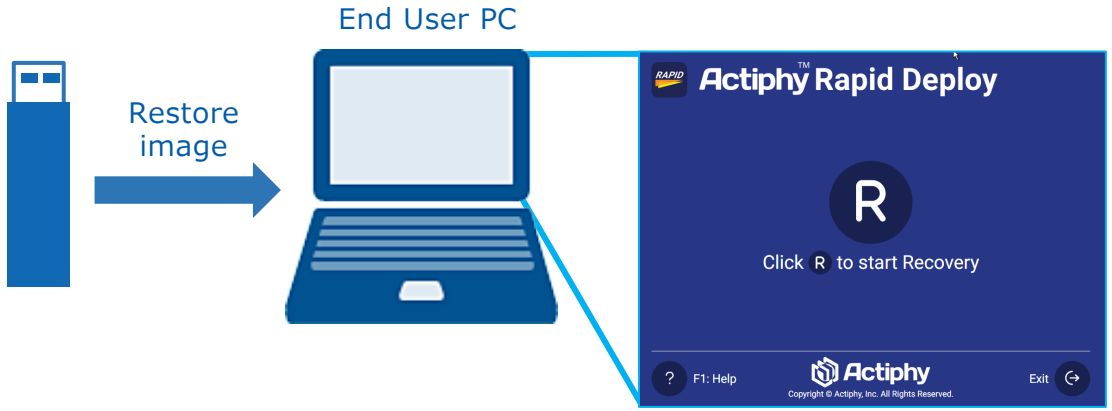
Source Image Management on Deploy USB media



Versatile Restore Media Options

With **Actiphy Rapid Deploy™ Plus,** you can create Restore media embedded with a source image, ready for deployment. This allows personal computers to be shipped with an easy-to-use recovery tool (Restore USB media), enabling end-users to restore their PCs to factory settings with a single click. Unlike previous versions that supported only USB and DVD, the Plus version now also supports Blu-ray discs, offering more flexibility and enhancing computer security while potentially lowering costs.

Restore PCs to factory settings with a single click

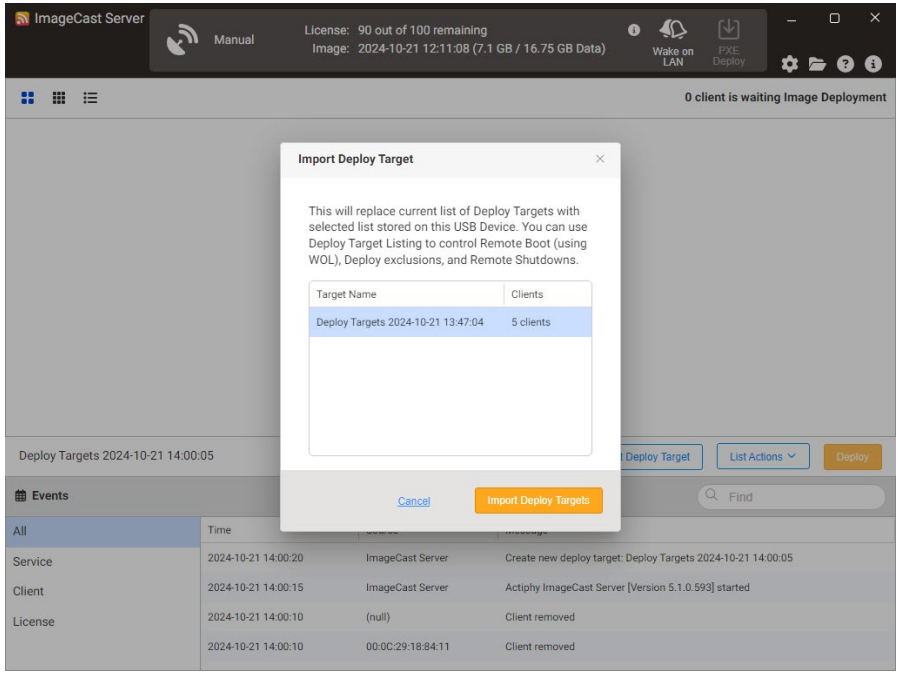


Actiphy Rapid Deploy（3）

Retain deployed ImageCast client computer information NEW

The information of deployed ImageCast client computers is retained as the target list in the Deploy Media. The deployed ImageCast client computer list can be imported to use for redeployment of a source file.

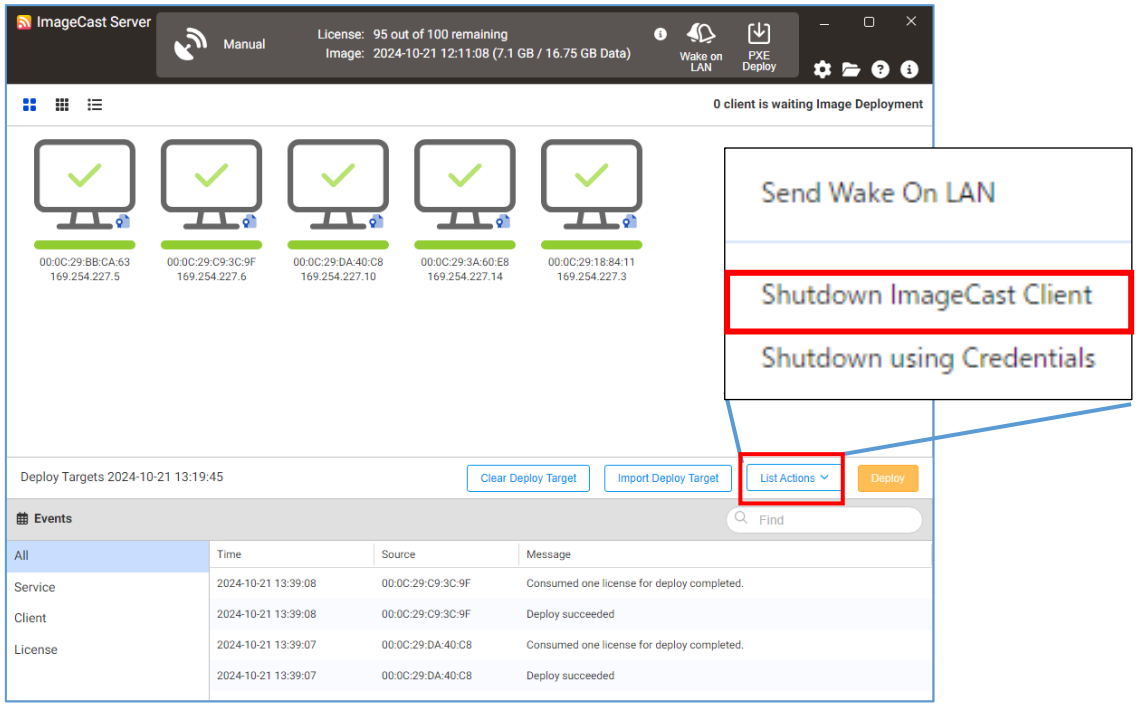
Import ImageCast client PC list for redeployment of a source file



Shut-down ImageCast client computers NEW

Wake on LAN and Shutdown operations are supported to perform on ImageCast client computers in the list. For example, upon completion of the deployment process, the ImageCast client computers may be shut down at a time.

Shut down ImageCast client computers at a time



Comparison of supported features
Actiphy Rapid Deploy vs. ActiveImage Deploy USB

Features	Actiphy Rapid Deploy	Actiphy Rapid Deploy Plus	ActiveImage Deploy USB	ActiveImage Deploy USB Plus
Create Deploy USB Media *1	○	○	○	○
Create Boot Environment media for client PC (ImageCast client) *2	○	○	—	—
Create Recovery Media *3	—	○	—	○
Create Windows RE / Windows ADK-based boot environment media	○	○	○	○
Add a driver to boot environment media	○	○	○	○
Create a source image file (to be embedded in Deploy USB media) *4	○	○	○	○
Deploy a source image embedded in Deploy USB media. *5	○	○	○	○
Multicasting of a source image via a network (**ImageCast Server**)*6	○	○	—	—
Update Deploy USB media *7	○	○	○	○
License Management *8	○	○	○	○

*1 : Create a source image and Deploy USB Media containing the source image to deploy.

* 2 : Create boot environment media to boot up client PC before multicasting (deploying) a source image from distribution server (ImageCast Server) over a network.

* 3 : Create a Recovery USB media that can be used only to restore the system back to a factory state upon failure. This allows personal computers to be shipped with an easy-to-use recovery tool (Recovery USB media),

* 4 : Boot up the source computer from Deploy USB media and create a source image in the media.

* 5 : Boot up the source computer from Deploy USB media and deploy the source image embedded in the Deploy USB media.

* 6 : Multicast the source image embedded in Deploy USB media to client PCs over a network.

* 7 : Allocate additional licenses to the created Deploy USB media, add / replace the source image.

* 8 : Register the product keys for the purchased licenses, enabling to monitor the status of the used license.

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Actiphy

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