Actiphy

Deployment Tool significantly enhanced performance and scalability for deployment work

〇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).

〇Actiphy's TCP-SlideCast provides revolutionary multicast capabilities minimizes the strain on the server and network resources.

〇Menu-driven interface enables easy-to-use controls of operations without the need for IT expertise or skills.

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.
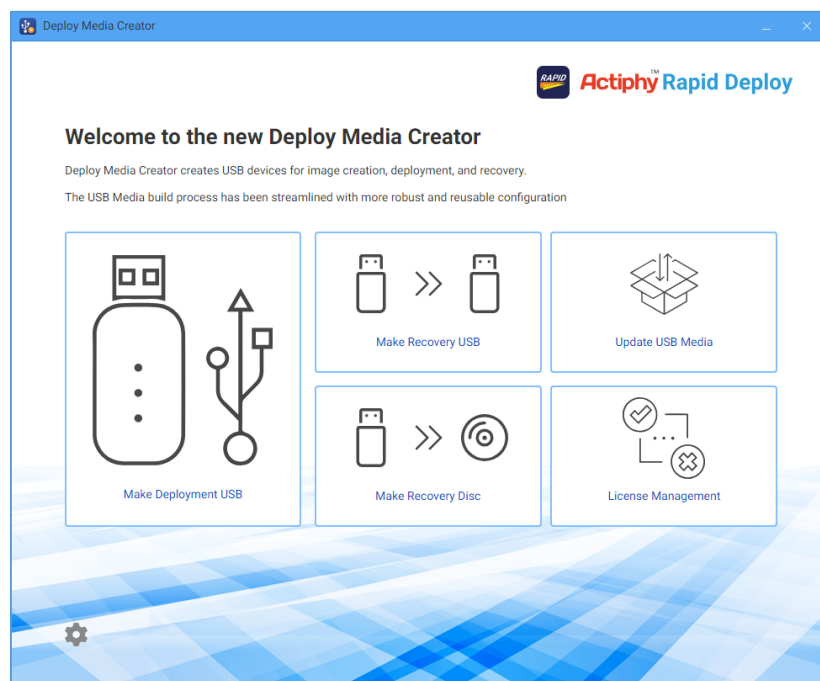
Actiphy Rapid Deploy

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	ImageCast Server

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.

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.
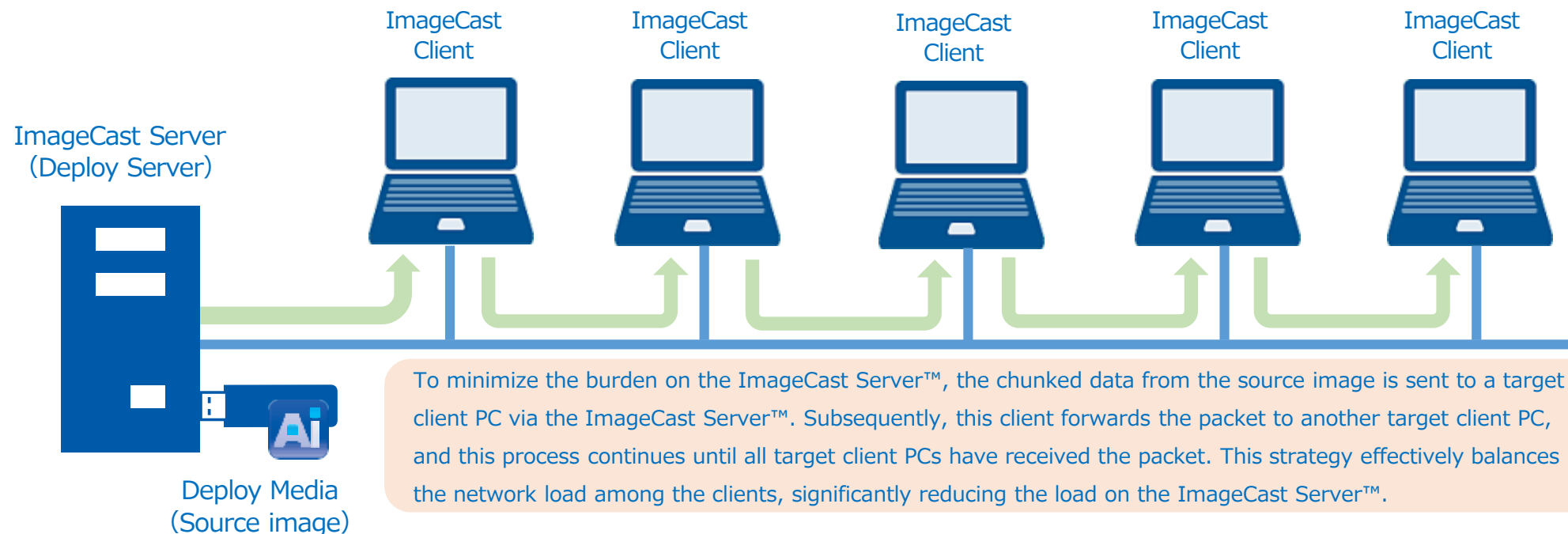
Deploy Media Creator Console

ImageCast Server Console

TCP-SlideCast™ technology revolutionizes multicast capabilities

TCP-SlideCast™ technology revolutionizes multicast capabilities, enabling the efficient transfer of images to multiple client PCs with ease. TCP-SlideCast technology utilizes the principles of peer-to-peer (P2P) data transfer 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)

ImageCast Client

ImageCast Client

ImageCast Client

ImageCast Client

ImageCast Client

ImageCast Server
(Deploy Server)

Deploy Media
(Source image)

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™.
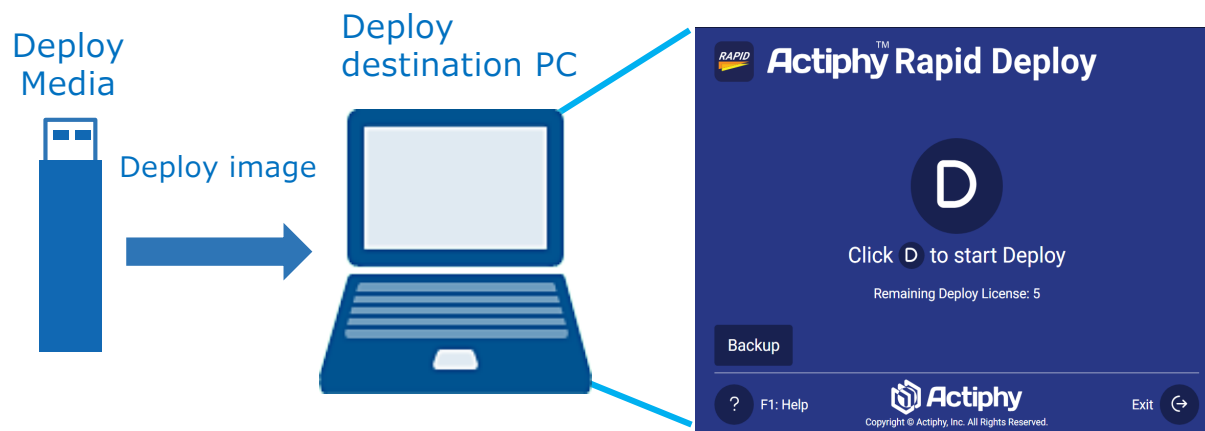
Using stand-alone deployment tool equivalent to the predecessor product ActiveImage Deploy USB, a single click quickly deploys the source image to target computers, eliminating the need for network connection and distribution server. You only need to plug in the created Deploy USB media, power-on the 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.
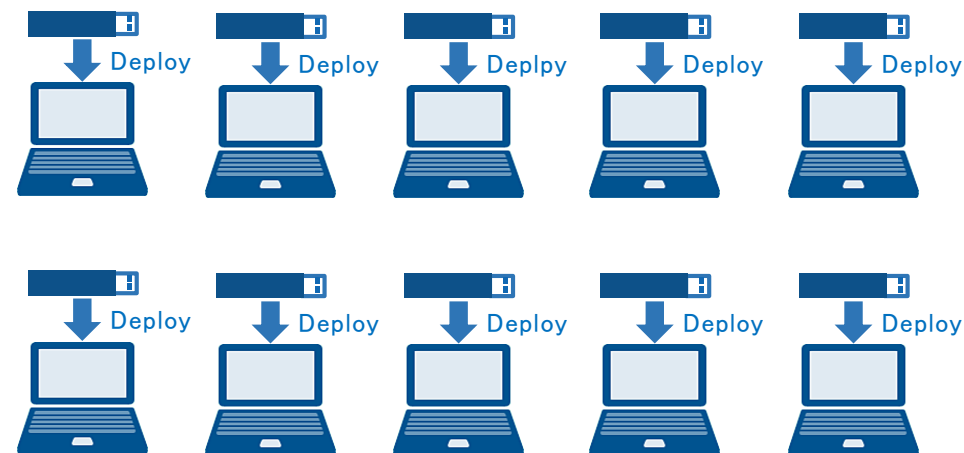
One-click quick deployment

Deploy Media

Deploy destination PC

Deploy image

RAPID **Actiphy** ™ **Rapid Deploy**

D

Click D to start Deploy

Remaining Deploy License: 5

Backup

? F1: Help **Actiphy**
Copyright © Actiphy, Inc. All Rights Reserved.
Exit ⟶

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.
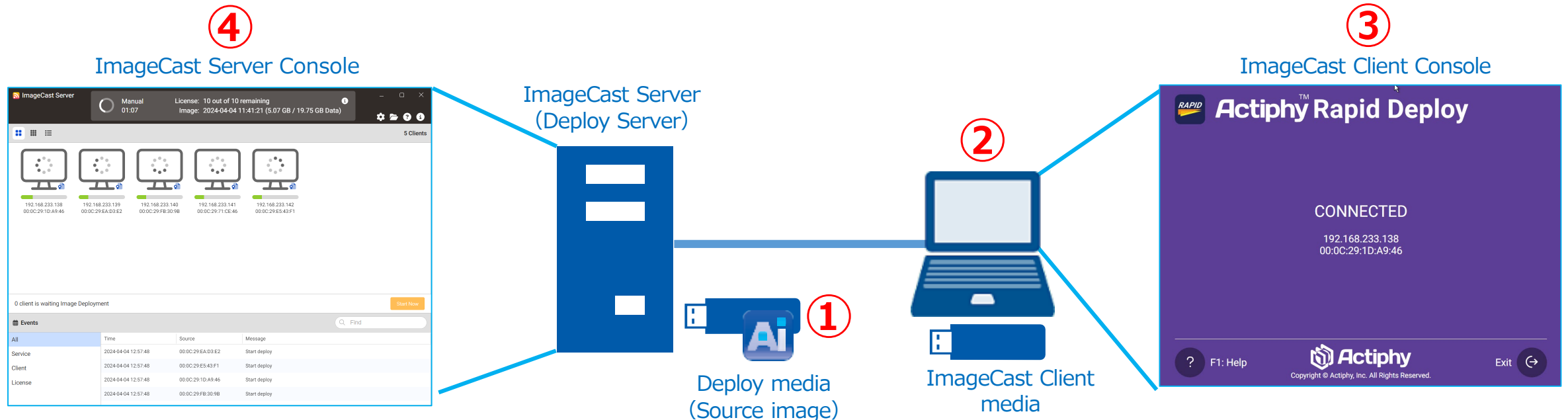
A large number of PC deployment in a short time

Deploy   Deploy   Deplpy   Deploy   Deploy

Deploy   Deploy   Deploy   Deploy   Deploy

Actiphy

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.**
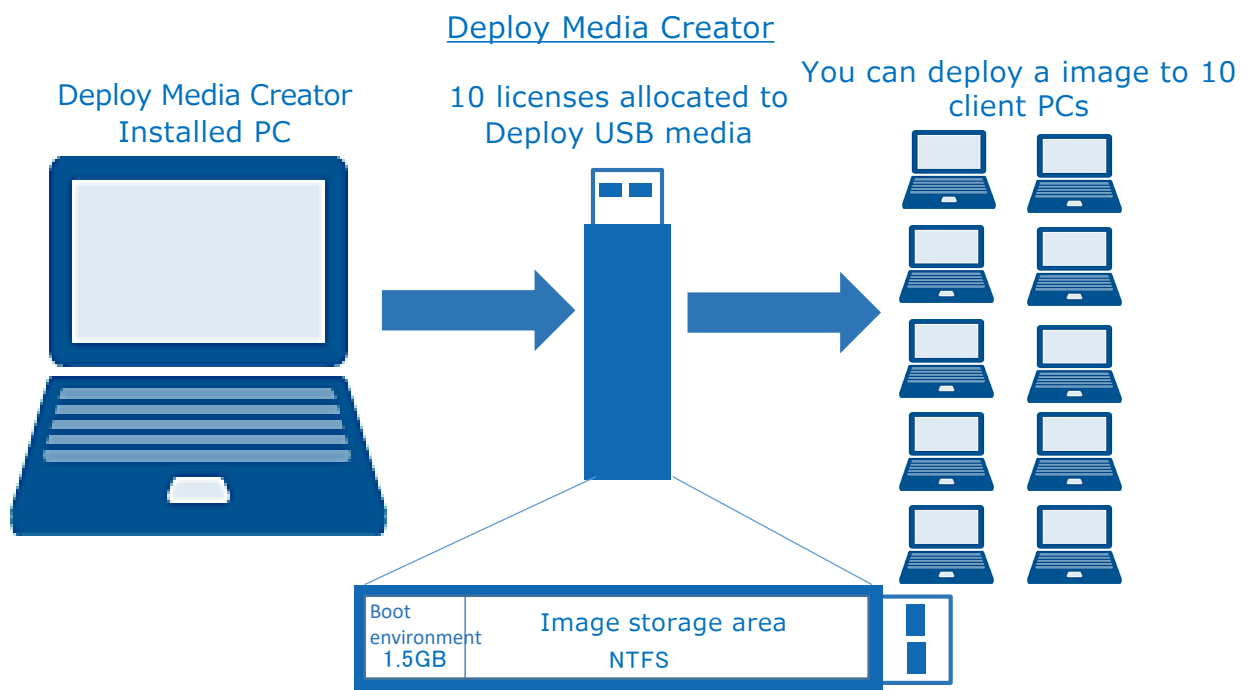
④ ImageCast Server Console

③ ImageCast Client Console

ImageCast Server (Deploy Server)

② ImageCast Client media

① Deploy media (Source image)

Actiphy

User friendly GUI enabling operations to create Deploy USB media
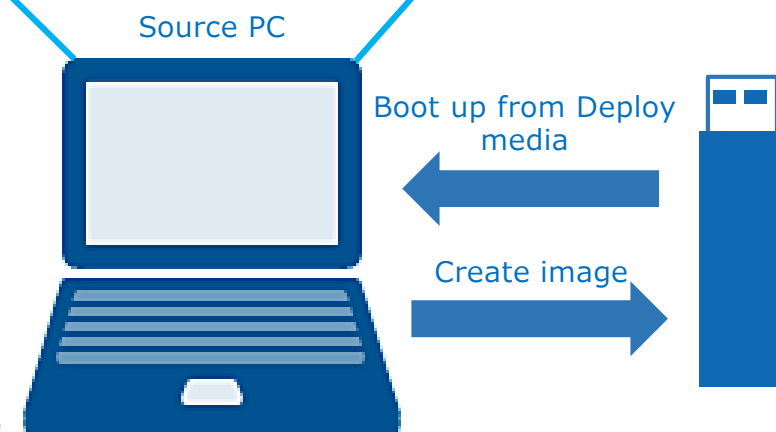
A single click quickly creates a source image

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.

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.
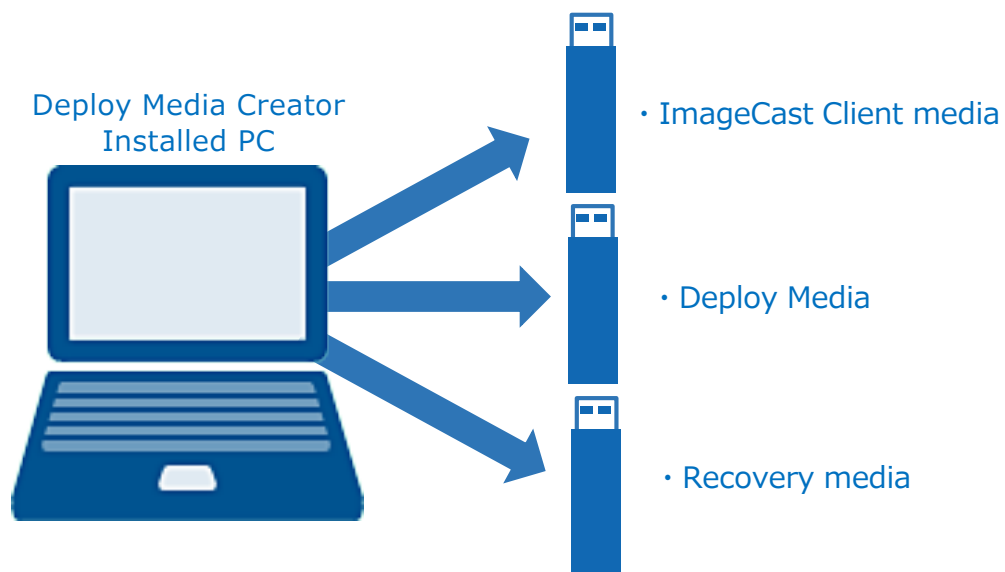
Source image creation

Deploy Media Creator

Deploy Media Creator Installed PC

10 licenses allocated to Deploy USB media

You can deploy a image to 10 client PCs

Boot environment 1.5GB	Image storage area NTFS

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

Source PC

Boot up from Deploy media

Create image

RAPID **Actiphy**™ Rapid Deploy

Would you like to perform full backup (replaces image file on the USB device), or an incremental backup?

F — Full Backup   X — Cancel   Incremental Backup

Backup

? F1: Help   **Actiphy** Copyright © Actiphy, Inc. All Rights Reserved.   Exit

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.
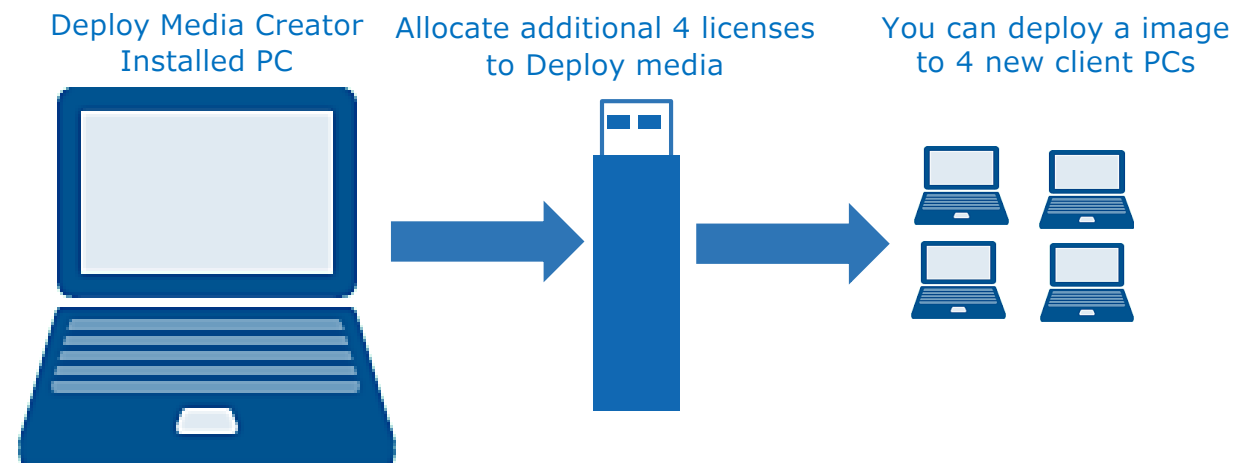
Simultaneous creation of USB media

Deploy Media Creator Installed PC

· ImageCast Client media

· Deploy Media

· Recovery 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.
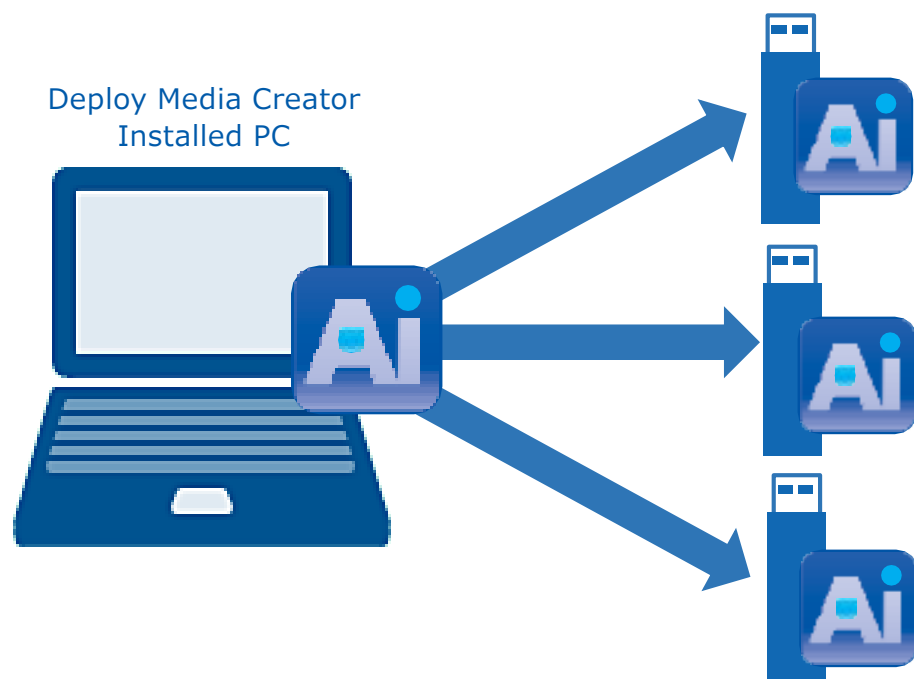
Allocate additional licenses to Deploy media

Deploy Media Creator Installed PC

Allocate additional 4 licenses to Deploy media

You can deploy a image to 4 new client PCs

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.
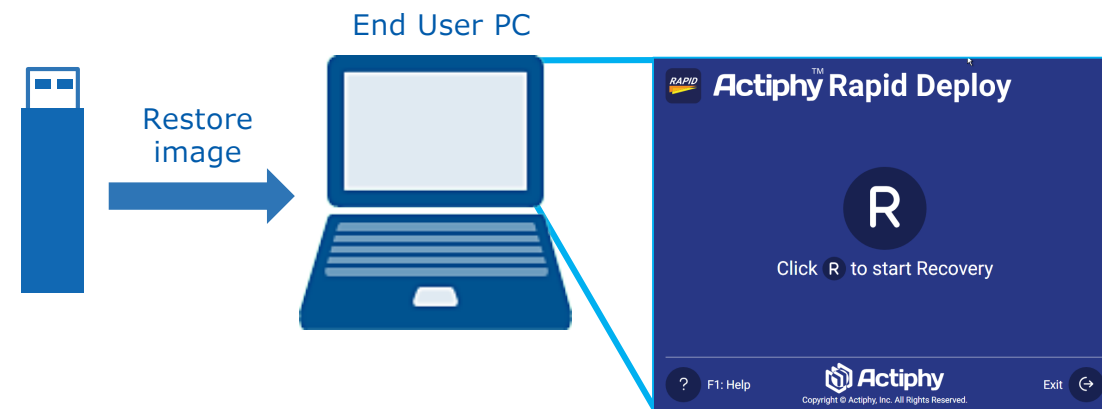
Source Image Management on Deploy USB media

Deploy Media Creator
Installed PC

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

End User PC

Restore image

Actiphy Rapid Deploy

R

Click R to start Recovery

? F1: Help   **Actiphy**   Exit
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