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# Additional License Authorizations

For Host Connectivity software products

## Additional License Authorizations

For Host Connectivity software products

# Products and suites covered

This Additional License Authorizations document (“ALA”) set forth the applicable License Options and additional specific software license terms that govern the authorized use of the software products specified below, and are part of the applicable agreement (i.e., Micro Focus End User License Agreement; and/or any separate agreement that grants Licensee a license to such products (e.g., Customer Portfolio Terms or other Master Agreement); and/or Quotation) (the “Applicable Agreement”). Capitalized terms used but not defined herein shall have the meanings set forth in the Applicable Agreement.

<b>Products</b>	<b>E-LTU or E-Media available*</b>	<b>Non-production software class**</b>	<b>Term License Non-production software class (if available)</b>
Extra! 6530 Client Option	Yes	Class 2	Class 2
Extra! X-treme	Yes	Class 2	Class 2
Host Access for the Cloud	Yes	Class 2	Class 2
Host Access for the Cloud Airlines Edition	Yes	Class 2	Class 2
Host Access for the Cloud Unisys Edition	Yes	Class 2	Class 2
Host Access Management and Security Server (MSS)	Yes	Class 2	Class 2
Host Access Management and Security Server – Access License	Yes	Class 2	Class 2
Host Access Management and Security Server – Advanced Authentication Add-on	Yes	Class 2	Class 2
Host Access Management and Security Server – Automated Sign-on for Mainframe Add-on	Yes	Class 2	Class 2
Host Access Management and Security Server – PKI Automated Sign-on Add-on	Yes	Class 2	Class 2
Host Access Management and Security Server – Security Proxy Add-on	Yes	Class 2	Class 2
Host Access Management and Security Server – Terminal ID Management Add-on	Yes	Class 2	Class 2
InfoConnect Airlines Gateway	Yes	Class 2	Class 2
InfoConnect Desktop Pro for Airlines	Yes	Class 2	Class 2
InfoConnect Desktop Pro for Airlines PTR Premium Add-On	Yes	Class 2	Class 2
InfoConnect Desktop Pro for Unisys	Yes	Class 2	Class 2
InfoConnect Desktop Pro for Unisys with X	Yes	Class 2	Class 2
InfoConnect Enterprise Edition for Airlines PTR Premium	Yes	Class 2	Class 2
InfoConnect Enterprise Edition for Airlines, IBM, and Open Systems	Yes	Class 2	Class 2
InfoConnect Enterprise Edition for Unisys, IBM, and Open Systems	Yes	Class 2	Class 2
Reflection Desktop	Yes	Class 2	Class 2
Reflection Desktop for IBM	Yes	Class 2	Class 2
Reflection Desktop for NonStop Add-On	Yes	Class 2	Class 2
Reflection Desktop for UNIX and OpenVMS	Yes	Class 2	Class 2
Reflection Desktop for X	Yes	Class 2	Class 2

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Products	E-LTU or E-Media available*	Non-production software class**	Term License Non-production software class (if available)
Reflection Desktop Limited to RHP/NSVT	Yes	Class 2	Class 2
Reflection Desktop Pro	Yes	Class 2	Class 2
Reflection Desktop with Extra! as Authorized Alternative	Yes	Class 2	Class 2
Reflection for Secure IT Client for UNIX	Yes	Class 2	Class 2
Reflection for Secure IT Client for Windows	Yes	Class 2	Class 2
Reflection for Secure IT Gateway	Yes	Class 2	Class 2
Reflection for Secure IT Server for UNIX	Yes	Class 2	Class 2
Verastream Host Integrator Development Kit	Yes	Class 2	Class 2
Verastream Host Integrator Server Kit	Yes	Class 2	Class 2

Suites	E-LTU or E-Media available*	Non-production software class**	Term License Non-production software class (if available)
Host Access for RPA	Yes	Class 2	Class 2
Reflection Enterprise Suite	Yes	Class 2	Class 2

\* Any product sold as E-LTU or E-Media shall be delivered electronically regardless of any contrary designation in a purchase order.

\*\* Additional licenses solely for non-production use, may be available as specified in the Non-Production Licensing Guide found at [software.microfocus.com/legal/software-licensing](https://software.microfocus.com/legal/software-licensing) depending on the non-production software class specified above. Any such non-production licenses will be subject to the Non-Production Licensing Guide and the applicable License Option terms and conditions set forth in this ALA.

## Definitions

Term	Definition
Add-On Software	Means software that installs on top of Prerequisite Product.
Associated Product	Means a Micro Focus product that is used in conjunction with another Micro Focus product.
Bot	Means a robotic software entity that performs work.
Concurrent Users	Means individual(s) who, at the same point in time, are actively using any Device or other software program that may access the Licensed Software either directly, or indirectly through any other software program, regardless of how such access occurs or if such user uses any hardware or software that reduces the apparent number of users who are using the Licensed Software, such as by using a terminal service. Means the software is licensed by the amount of users that can simultaneously use the Licensed Software at any one point in time. The Licensed Software can be installed on any number of Devices, provided that the actual usage of the Licensed Software does not exceed the number of concurrent-user licenses purchased.
Container	Means the running software instance that emulates an active OS Instance or wraps an application under control of a technology including but not limited to Docker.
Device	Means, without limitation, a laptop, tablet, desktop, workstation, portable storage device, as a streamed application, or a Virtual Machine. In general, and by way of example only, a Device includes any current

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Term	Definition
	or future technology which combines an operating system and interactive facilities (such as keyboard and screen) to support human end user operation of the Licensed Software.
Distributed Application	Means software with various components that can be installed and run on multiple computers (clients and servers) within a network to solve specific computing problems.
Domain Control Components	Means the software components that are intended to support operation of the Reflection X Advantage ("RXA") software as a Distributed Application.
E-LTU and E-Media	Means products which are electronically delivered only, and as such any reference to FOB Destination or delivery methods that are stated on your purchase order other than electronic shall be null and void with respect to these E-LTU or E-Media products.
Host Connection	A single network connection between a Device or Server and a host system.
Middleware	Software that runs on a Server that provides Unattended Services to other applications.
MSS Metering Component	Means the capability in Host Access Management and Security Server that allows the administrator to monitor usage.
Named User	Means a specific human individual able to access, or use the Licensed Software regardless of whether they actually access or use the Licensed Software.
Network Device	Means a subset of Devices that are responsible for network capabilities, representing addressable entity, physical, virtual or cloud, including but not limited to router, switch, bridge, hub, and other infrastructure.
PKI Manager	Means the Reflection PKI Services Manager software
Prerequisite Product	Means a product for which licenses must be acquired separately from the add-on product that requires it. By way of example, Reflection Desktop is a prerequisite product for the Reflection Desktop for NonStop Add-On.
Primary User	Means the person that uses a Device more than any other User of a Device is the Primary User.
Print Server	Means a device with the Licensed Software installed that is running multiple host printer emulation sessions that service multiple terminal emulation sessions not concurrently running on that same device running the printer sessions. Users on client devices use these terminal sessions to route print jobs through the printer sessions on the server for the purpose of printing host print jobs to a locally attached or network printer.
Robotic Process Automation or RPA	Means operation by a Bot or robotic process automation software program, application, or user.
RPA Program	A development tool and associated run-time software that uses automation to orchestrate the exchange of data between applications to complete a business process.
RXA Domain Control Components	Means RXA Administrative Console, Reflection X Service, RXA Client Connector that are used in domain/distributed mode.
Server	Means a single logical partition, Virtual Machine, or instance of a server operating system.
Storage Device	Means a subset of Devices that are responsible for shared storage capabilities, representing addressable entity, physical, virtual, or cloud, including but not limited to storage arrays, network accessible storage (NAS) and other infrastructure.
Suite	Means a product suite comprised of two or more component products.
Unattended Services	Means providing automated, unattended communications and/or services (without a human end-user), to other applications or Devices, so that the Licensed Software is operated by another program on or off of the Device to provide services or data to other applications or Devices.
User	A User is considered the human/person that uses the software.
Virtual Machine	Means a computer that does not physically exist but is simulated by another computer.

## **Additional License Authorizations**

For Host Connectivity software products

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## **License Options**

The following License Options are the types of licenses available for a given software product as further specified in this ALA. The applicable License Option for a license shall be as set forth in the Applicable Agreement or Product Order. Those products with only one License Option available shall be governed by such License Option whether or not stated in the Applicable Agreement or Product Order unless otherwise agreed in writing between Licensee and Licensor.

### **Concurrent User License**

Licensed Software provided under this License Option gives Licensee the right to install or access the Licensed Software on multiple host Devices or Servers, or one or more Containers on such host Devices or Servers, for use solely by the maximum number of Concurrent Users expressly authorized by Licensor in the Product Order for such license for whom Licensee has paid the applicable license fee. Licensee must employ a method to control, monitor, and provide reports on concurrent usage.

Licensed Software may not be installed and used for Unattended Services, including Middleware and Print Server.

### **Desktop License**

Licensed Software provided under this License Option gives Licensee the right to install the Licensed Software on the storage of a single Device. Each additional Device that at any time has the Licensed Software loaded in its permanent or temporary memory, and each additional device through which any portion of the Licensed Software could be accessed or used by a User, requires an additional Desktop License. Licensee may create copies of the Licensed Software on Network Devices, Storage Devices and on Server computers for the sole purpose of installation of Licensee's licensed Devices, and such copies will not consume license count.

The Primary User of a licensed Device may, under that same desktop license and not simultaneously, (i) use any Device to operate such Primary-User licensed Device remotely; (ii) operate one designated home or portable Device as an alternative primary Device.

Licensed Software may not be installed and used for Unattended Services, including Middleware and Print Server. Licensee may not (i) install the Licensed Software on any networked Device (e.g., a Server) that allows more than one user to use a copy of the Licensed Software, or (ii) use or install the Licensed Software in a Windows Terminal Services, Citrix Server, Virtual Desktop Infrastructure, or Container.

### **Host Session License**

Licensed Software provided under this License Option gives Licensee the right to configure the software to utilize a single Host Connection.

### **Named User License**

Licensed Software provided under this License Option gives Licensee the right to install or access the Licensed Software on a multiple Devices or Servers, or one or more Containers on such multiple Devices or Servers. Each such Named User has the right to unlimited access to the Licensed Software deployed on a multiple Servers or other Devices. A Named User License is required for each Named User that is able to access or use an installation of the Licensed Software, regardless of whether they actually access or use the Licensed Software. Licensee must monitor and control deployment so that the ability to access or use the Licensed Software is restricted to no more than the licensed Named Users. Licensor reserves the right at any time to require Licensee to provide a list of the Named Users. Licensee may change a Named User provided that the change is made either (i) permanently, or (ii) temporarily to accommodate the use of the Licensed Software by a temporary worker while the Named User is absent, but in each case no more than once every 30 days.

Licensed Software may not be installed and used for Unattended Services, including Middleware and Print Server.

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### Robotic Process Automation License

With a Robotic Process Automation License, one copy of the Licensed Software may be installed and used for Unattended Services with a RPA Program.

### Server License

Licensed Software provided under this License Option gives Licensee the right to install the Licensed Software on a single Server.

## Software specific license terms

Software products with software specific license terms are described below. Software products covered by this ALA document and not covered in this section do not have software specific license terms.

### Extra! 6530 Client Option and Extra! X-treme

The following License Options apply: Desktop license, Named Use license, Concurrent User license, or Robotic Process Automation license.

### Host Access for the Cloud; Host Access for the Cloud Airlines Edition and Host Access for the Cloud Unisys Edition?

The following License Options apply: Named User License or Concurrent User License.

Host Access for the cloud includes the following components (“Server Components”):

- Host Access Management and Security Server (MSS)
- Host Access for the Cloud Session Server (Session Server)

Installation of the Server Components may be on multiple Servers with the following limitations:

- Session Server should be installed according to the product documentation to support the quantity of sessions.
- For each ten thousand (10,000) Named User Licenses or for each three thousand (3,000) Concurrent Licenses for Host Access for the Cloud, Licensee may install three (3) copies of MSS.
- Up to (3) copies of MSS for use as a Cold Standby System or Hot Standby System as defined in the Non Production License Guide (<http://software.microfocus.com/legal/software-licensing>) or for development or testing purposes.

Licensee must install and use the MSS Metering Component.

PKI Manager is intended to support operation of the Licensed Software as a Distributed Application. Licensee may deploy the PKI Manager to Servers and Devices as appropriate to Licensee’s operating environment, for the sole purpose of supporting (i) the Licensed Software and/or (ii) any other Micro Focus product having its own PKI Manager entitlement, and such deployment will not consume license count.

### Host Access Management and Security Server (MSS)

The following License Options apply: Server License.

Host Access Management and Security Server includes the following components (“Management Components”):

- Administrative Console
- Security Proxy Server

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- Metering Server
- Terminal ID Management Server

Management Components may be installed on one or more Servers. One installation of each Management Component is allowed per license.

When Host Access Management and Security Server is included with a license for Reflection for the Web or Host Access Cloud, then MSS must be used solely for the purpose of managing Licensee's use of Reflection for the Web or Host Access Cloud and not as a standalone product.

PKI Manager is intended to support operation of the Licensed Software as a Distributed Application. Licensee may deploy the PKI Manager to Servers and Devices as appropriate to Licensee's operating environment, for the sole purpose of supporting (i) the Licensed Software and/or (ii) any other Micro Focus product having its own PKI Manager entitlement, and such deployment will not consume license count.

### **Host Access Management and Security Server - Access License; Host Access Management and Security Server - Advanced Authentication Add-On; Host Access Management and Security Server - Automated Sign-On for Mainframe Add-On; Host Access Management and Security Server - PKI Automated Sign-On Add-On; Host Access Management and Security Server - Security Proxy Add-On and Host Access Management and Security Server - Terminal ID Management Add-On**

The following License Options apply: Desktop License, Named User License, or Concurrent User License.

Licensee may install and use the Licensed Software only in support of Associated Products. The License Option for the Associated Product and the Host Access Management and Security Server Access Licenses purchased must be of the same type. Licensee must acquire an Access License for each Associated Product and that Access license must correspond to the Associated Product license type. For example: If the Associated Products are operated under a Desktop License, then Licensee's MSS Functionalities licensing will be subject to the Desktop License terms of the Associated Products. Any increase in license count for an Associated Product requires an increase in MSS license count.

### **InfoConnect Airlines Gateway**

The following License Options apply: Server License.

The Licensed Software may be used solely in conjunction with Micro Focus InfoConnect desktop software (separately licensed). Licensee must acquire licenses for both the Server installations of InfoConnect Airlines Gateway and for the terminal address connections used by InfoConnect Airlines Gateway.

### **InfoConnect Desktop Pro for Airlines PTR Premium Add-On and InfoConnect Enterprise Edition for Airlines PTR Premium**

The following License Options apply: Server License.

### **InfoConnect Desktop Pro for Airlines; InfoConnect Desktop Pro for Unisys; InfoConnect Desktop Pro for Unisys with X; InfoConnect Enterprise Edition for Airlines, IBM, and Open Systems and InfoConnect Enterprise Edition for Unisys, IBM, and Open Systems**

The following License Options apply: Desktop License.

When the Licensed Software is used by groups of rotating users (like gate agents at an airport), Licensee is permitted to have software installed on a total number of Devices at any one time that does not exceed the number of licenses owned.

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Licensee may deploy the Domain Control Components to Servers and Devices as appropriate to Licensee's operating environment, for the sole purpose of supporting the Licensed Software, and such deployment will not consume license count.

PKI Manager is intended to support operation of the Licensed Software as a Distributed Application. Licensee may deploy the PKI Manager to Servers and Devices as appropriate to Licensee's operating environment, for the sole purpose of supporting (i) the Licensed Software and/or (ii) any other Micro Focus product having its own PKI Manager entitlement, and such deployment will not consume license count.

### **Reflection Desktop; Reflection Desktop for IBM; Reflection Desktop for UNIX and OpenVMS; Reflection Desktop for X; Reflection Desktop Limited to RHP/NSVT; Reflection Desktop Pro; Reflection Desktop with Extra! as Authorized Alternative and Reflection for Secure IT Client for Windows**

The following License Options apply: Desktop license, Named User license, Concurrent User license, or Robotic Process Automation license.

Licensee may deploy the Domain Control Components to Servers and Devices as appropriate to Licensee's operating environment, for the sole purpose of supporting the Licensed Software, and such deployment will not consume license count.

PKI Manager is intended to support operation of the Licensed Software as a Distributed Application. Licensee may deploy the PKI Manager to Servers and Devices as appropriate to Licensee's operating environment, for the sole purpose of supporting (i) the Licensed Software and/or (ii) any other Micro Focus product having its own PKI Manager entitlement, and such deployment will not consume license count.

### **Reflection Desktop for NonStop Add-On**

The following License Options apply: Desktop License, Named User License, or Concurrent User License.

A License for the applicable Add-On Software is required in a quantity corresponding to the number of Licenses for the applicable Prerequisite Product and must be of the same License Option. Licensee may deploy Add-On Software according to License Option as one application with one license of the Prerequisite Product. Licensee must validate version compatibility of Add-On Software and coordinate the installation of updates to the Add-On Software and to the Prerequisite Products to maintain compatibility.

### **Reflection for Secure IT Client for UNIX**

The following License Options apply: Desktop License.

PKI Manager is intended to support operation of the Licensed Software as a Distributed Application. Licensee may deploy the PKI Manager to Servers and Devices as appropriate to Licensee's operating environment, for the sole purpose of supporting (i) the Licensed Software and/or (ii) any other Micro Focus product having its own PKI Manager entitlement, and such deployment will not consume license count.



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### **Reflection for Secure IT Gateway**

The following License Options apply: Server License.

Reflection for Secure IT Gateway includes the following components: Reflection Secure Shell Proxy, Reflection Transfer Server, Reflection Gateway Administrator, Reflection for Secure IT Server for Windows, and Reflection Hub (“Reflection Component”):

With each license of Reflection for Secure IT Gateway Software, Licensee may install and use a single copy of each Reflection Component.

### **Reflection for Secure IT Server for Windows; Reflection for Secure IT Server for UNIX**

The following License Options apply: Server License.

A license for Reflection for Secure IT Server for UNIX License, includes the right to install and use, on the same Device or Server, a single copy of the Reflection for Secure IT Client for UNIX component that accompanies the Reflection for Secure IT Server for UNIX product.

If Licensee’s operating system environment supports a partitioning model such as Solaris Zones, Solaris Containers, or IBM’s LPAR, in which a partition exists solely to manage other partitions, Licensee may install a copy of the Licensed Software on such partition, and such copy does not consume a License.

PKI Manager is intended to support operation of the Licensed Software as a Distributed Application. Licensee may deploy the PKI Manager to Servers and Devices as appropriate to Licensee’s operating environment, for the sole purpose of supporting (i) the Licensed Software and/or (ii) any other Micro Focus product having its own PKI Manager entitlement, and such deployment will not consume license count

### **Verastream Host Integrator Server Kit**

The following License Options apply: Server License together with one of: a Host Session License, a Named User License, or a Concurrent User License.

The Host Session License type allows the VHI Server Kit to be accessed by any number of Users. The Named User and Concurrent User License types allow the VHI Server Kit to be accessed by a specific number of Named or Concurrent Users and do not limit the number of Host Connections that can be configured and used.

Verastream Host Integrator Server Kit includes the following components (“Management and Administrative Components”):

- Management Server
- Administrative Console
- VMR Log Viewer
- Client Connectors

Management and Administrative Components may be installed on one or more Servers or Devices and do not consume a license.

### **Verastream Host Integrator Development Kit**

The following License Options apply: Desktop License.

Verastream Host Integrator Development Kit may be used only for development purposes.

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### Host Connectivity Suite offerings

Suite	Offering includes	Additional terms (if any)
Host Access for RPA	<ul style="list-style-type: none"><li>▪ Extra! X-treme</li><li>▪ Reflection Desktop</li><li>▪ Verastream Host Integrator Server Kit</li><li>▪ Verastream Host Integrator Development Kit</li></ul>	<ul style="list-style-type: none"><li>▪ Host Access for RPA is licensed by a Robotic Process Automation License.</li><li>▪ For each license acquired, Licensee may deploy the entire suite of components, or any subset of the suite of components as detailed below, and installation or usage of any component consumes a license.</li><li>▪ Licensee is entitled to install and use 1 Extra! X-treme and 1 Reflection Desktop per Host Access for RPA license purchased.</li><li>▪ Licensee is entitled to install and use 1 Verastream Host Integrator Server Kit component per Host Access for RPA license purchased.</li><li>▪ Licensee is entitled to install and use 1 Verastream Host Integrator Development Kit per Host Access for RPA license purchased.</li><li>▪ Licensee is entitled to use 1 Verastream Host Integrator Host Connection per Host Access for RPA license purchased. Example: Licensee that has purchased 10 Robotic Process Automation Licenses, is entitled to utilize Verastream Host Integrator to run 10 Host Connections concurrently to provide services for Bots.</li><li>▪ Licensee may use Verastream Host Integrator Server Kit solely for the purpose of providing the Unattended Services necessary for the Bot to perform tasks with an RPA Program and is not intended for non-RPA scenarios, such as providing services for web and mobile applications.</li></ul>
Reflection Enterprise Suite	<ul style="list-style-type: none"><li>▪ Reflection Desktop</li><li>▪ Reflection for Web (RWeb) Enterprise Edition</li></ul>	<ul style="list-style-type: none"><li>▪ Reflection Enterprise Suite is licensed by either a Desktop license or a Named User license or a Concurrent User license.</li><li>▪ For each license acquired, Licensee may deploy the entire suite of components, or any subset of the suite of components, in accordance with the License Option.</li><li>▪ For each 10,000 Desktop or Named User licenses or for each 3,000 Concurrent User licenses, Licensee is entitled to install and use 3 RWeb Server licenses to manage RWeb client licenses. In addition to these Servers, for high availability and failover purposes only, Licensee is entitled to install and use 3 RWeb Server licenses.</li></ul>

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## Additional License Terms

Term	
A.	Authorized Alternatives rights must be obtained via a program available at <a href="#">Support and Services</a> , including a separate written Authorized Alternatives agreement.
B.	Licenseeshall install and use the Licensed Software as authorized in the Applicable Agreement only as a complete product and may not use portions of such software on a standalone basis separate from the complete software unless expressly authorized in the product documentation, specifications, or an applicable agreement.

[software.microfocus.com/legal/software-licensing](https://software.microfocus.com/legal/software-licensing)

Latest version of software licensing documents

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