



Additional License Authorizations

For HP Information Management software products

Products and suites covered

Products	E-LTU or E-Media available *	Non-Production use category **
HP Backup Navigator	Yes	Class 3
HP Data Protector	Yes	Class 3
HP Data Protector for PCs	Yes	Class 3
HP Data Protector Management Pack	Yes	Class 3
HP Email Archiving	Yes	Class 3
HP File Archiving	Yes	Class 3
HP Integrated Archive Platform	Yes	Class 3
HP Medical Archive Solution	Yes	Class 3
HP Records Manager (previously called HP TRIM)	Yes	Class 1
HP Structured Data Manager (previously called HP Application information Optimizer)	Yes	Class 3

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

** Non-production use rights, if any, can be found at www.hp.com/go/SWlicensing.

Definitions

Capitalized terms not otherwise defined in this ALA document are defined in the governing agreement.

Term	Definition
<i>Cell</i>	means a set of systems that are under the control of a Cell Manager. The cell typically represents the systems on a site or an organizational entity, which are connected to the same LAN. Central control is available to administer the backup and restore policies and tasks.
<i>Cell Manager</i>	means the main system in the cell where the essential Data Protector software is installed and from which all backup and restore activities are managed. The GUI used for management tasks can be located on a different system. Each Cell has one Cell Manager system.
<i>Client</i>	means any application or systems which provide functionality separate from that of the software while providing for the facility to connect to and interact with the software.
<i>Cluster or Clustered Computer</i>	means a group of servers or other resources that act like a single system and enable high availability and in some cases, load balancing and parallel processing. A clustered computer may also be referred to as a cluster node.
<i>CPU</i>	means a system that contains a single central processing unit with a single integrated circuit package with a single discrete processing core.
<i>CPU Core or CRE</i>	means each individual core where a CPU may have more than one core
<i>Database or DB</i>	means a container which stores application data including table structure, stored procedures, and other functionality that runs on a Database Instance.



Term	Definition
<i>Database Instance</i>	means a software application that has the sole purpose of acting as a container that hosts and executes one of more Databases.
<i>Device</i>	means an addressable entity, physical or virtual, including but not limited to router, switch, bridge, hub, server, PC, laptops, handheld device or printer that resides within the range defined for interrogation and asset tracking.
<i>Drive or Drv</i>	means a physical unit that receives data from a computer system and can write it onto a magnetic medium (typically a tape drive). It can also read the data from the medium and send it to the computer system.
<i>E-LTU and E-Media</i>	means products which are electronically delivered only, and as such any references 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.
<i>GB</i>	means gigabytes which designates the amount of physical capacity that can be managed.
<i>Implementation</i>	means an installation of the software on a single Server or installed on a cluster of Servers which work together as a single installation of the software.
<i>Instance</i>	means each Implementation of the application installed on a Server.
<i>Integration</i>	means a connection between a source system such as a data feeder where the data or metadata are migrated from the source to the HP Records Manager software.
<i>Internal Use</i>	means access and Use of the software for purposes of supporting your internal operations or functions.
<i>LTU</i>	means License To Use.
<i>Manager-Of-Manager (MoM)</i>	means several Cells can be grouped together and managed from a central cell. The Manager-Of-Manager includes all clients located in several Data Protector Cells which are managed and administered from a central Cell using the Manager-of-Managers concept.
<i>Media or Medium</i>	means typically a tape or a file on disk holding backup data.
<i>Named User or Nmd User</i>	means a specific individual authorized by you to access the software regardless of whether they are actively using the software.
<i>Object</i>	means a discrete unit of content that has its own metadata and unique set of identifiers. Objects can include any content type, including but not limited to audio, video, text, message or document. It has to be findable in search, capable of being rendered in its native format, transported or held.
<i>PB</i>	means petabytes which designates the amount of physical capacity that can be managed.
<i>Server or Svr</i>	means any designated computer system in which an Instance or Instances of the software is installed.
<i>Slot</i>	means a mechanical position in a library. Each Slot can hold a Medium, such as a DLT tape. Data Protector references each Slot with a number. To read a Medium, a robotic mechanism moves the medium from a Slot into the Drive.
<i>Source or SRC</i>	means the production database being archived from.
<i>Suite</i>	means two or more software products combined into a single license offering. The specific software products included in a Suite are specified in the Software Specific License Terms below. Software products included in a Suite are governed by the individual authorizations and use restrictions associated with each software product.
<i>TB</i>	means terabytes which designates the amount of physical capacity that can be managed.
<i>Term License to Use or Term LTU</i>	means a software license to use (LTU) which indicates in its license description that the license is valid for a specific period of time such as One Month(1M), One Year(1Y) etc. Term LTU's are not perpetual licenses.
<i>Unlimited</i>	means without restrictions in terms of number of systems, devices or media, depending on the context.
<i>Use</i>	means to install, store, load, execute and display once copy of the software.
<i>Virtual Machine</i>	means a computer that does not physically exist but is simulated by another computer.

Term	Definition
<i>Workstation</i>	means a desktop system (for Microsoft® platforms this is typically running Windows® XP or Windows Vista® operating system) in contrast to a server system, typically located in the data center (for Microsoft platforms this is typically running Windows 2003/2008 Server operating system).

Software specific license terms

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

HP Backup Navigator

HP Backup Navigator is licensed by capacity (in TB or PB) and based on the maximum capacity protected by HP Data Protector. The calculation of the TB's or PB's required is calculated using the same rules for HP Data Protector capacity calculation, as described below.

HP Data Protector

HP Data Protector is either licensed by capacity (in TB or PB) or is licensed by feature (Cell Manager, Client, Drive etc). These licensing models may not be mixed within one Implementation of the software product.

The calculation of the TB's or PB's required is calculated using the following rules:

- For a full and incremental backup concept, only full backups are considered
- For an incremental forever policy, a "synthetic" full is taken as base
- The average size of a single archive log or transaction log backup is added to the Database capacity

The capacity based license includes license-to-use (LTU) for:

- Cell Managers and Manager-of-Managers
- Tape Drives and Libraries
- Online Backup & Granular Recovery Extensions
- Zero Downtime Backup & Instant Recovery
- Advanced Backup to Disk & NDMP

HP Data Protector Starter Pack: includes the license-to-use (LTU) for:

- one management server (Cell Manager) on the specified platform
- Unlimited number of backup clients (agents) on any platform
- one Drive license
- Windows and Linux Starter Packs contain a Windows direct attached Drive license. HP-UX and Solaris Starter Packs contain a UNI/NAS/SAN Drive license
- built in Media management
- libraries up to 60 Slots
- System Disaster Recovery options
- sophisticated reporting (in Data Protector GUI and via the web)
- service-centric management through integrations into HP software

This license is obligatory. Individual licenses are required for additional Drives and additional functionality. All UNIX licenses can be used for Windows, NetWare, and Linux.

Notes:

- In case the Cell Manager is running in a cluster using the same virtual IP address for all nodes in the cluster, only one starter pack is required.
- In case the Cell Manager is running in a virtual machine environment one starter pack is required for each individual Cell Manager IP Address.

HP Data Protector Drive License for SAN, UNIX, NAS: includes the license-to-use (LTU) for one Drive, directly attached to a UNIX, MPE, OpenVMS system, a NAS device, used in a SAN, or used for serverless backup. A Drive can be a tape drive, a file device, or Magneto Optical drive. You need as many licenses as there are Drives in use at any point in time. This is typically the total number of configured Drives to allow all Drives to be used simultaneously.

- Drive licenses cannot be shared between multiple Cells.
- This license can be used for Windows, NetWare, and Linux. However, if the Drive is not used in a SAN, it is more affordable to use the Drive license for Windows.
- This license is required for NAS systems managed via NDMP (for example Network Appliance Filers and EMC Celerra File Servers), or NAS systems requiring a Data Protector proprietary Device Server (Media Agent), (for example HP StorageWorks NAS 8000). NAS systems powered by Windows, NetWare, or standard Linux, which can run a standard Data Protector Device Server (Media Agent), require only the Data Protector Drive license for Windows, NetWare, Linux.

For supported drives please refer to the Data Protector support matrices at the following web link: <http://www.hp.com/go/dataprotector>.

HP Data Protector Drive License for Windows, NetWare, Linux: includes the license-to-use (LTU) for one Drive directly attached to a Windows, NetWare, or Linux (Intel) system. A Drive can be a tape drive, a file device, or Magneto Optical drive. You need as many licenses as there are Drives in use at any point in time. This is typically the total number of configured Drives to allow all Drives to be used simultaneously.

- Drive licenses cannot be shared between multiple Cells.
- In case that multiple systems access the Drive in a SAN, the Drive extension for UNIX, NAS,SAN is required. A Fiber Channel point-to-point connection is not considered a SAN.
- This license is valid for Drives attached to NAS devices powered by Windows, NetWare or Linux, which can run a standard Data Protector Device Server (Media Agent).

For supported drives please refer to the Data Protector support matrices at the following web link: <http://www.hp.com/go/dataprotector>.

HP Data Protector Library : includes the license-to-use (LTU) for managing tape libraries with the number of physically available Slots within one Data Protector Cell. A license is required per library. The license type is determined by the number of physical Slots:

- with 61- 250 Slots
- with unlimited Slots (more than 250 Slots)
 - STK silos using ACSLS and GRAU/EMASS library systems using DAS require the Unlimited Slot license.
 - This license is based on the physical Slots inside the library, not logical Slots.
 - Libraries with the capability to create virtual partitions also require the license based on the number of physically available Slots once per physical library.
 - In case of library sharing between multiple Cells the Manager-of-Managers LTU is required for each Cell to license the library across all Cells with one license. Otherwise one license is required for each Cell.

For supported drives please refer to the Data Protector support matrices at the following web link: <http://www.hp.com/go/dataprotector>.

HP Data Protector On-line Backup: includes the license-to-use (LTU) to perform on-line backup of Databases and applications running on the specified platform. License is required per server, it does not matter how many Databases are running on the system. Even if Databases of different types are running on the same system, only one license is required. As a general rule, every system responsible for storing application data to be protected in an online state requires a HP Data Protector On-line Backup LTU.

- If a system runs multiple partitions, this LTU is required for each partition.
- In a cluster environment, each system participating in the cluster requires a LTU.
- In an Oracle RAC (Real Application Cluster) each cluster node with an installed Application Agent requires one O-line backup LTU.
- On-line Backup LTUs are required when using Zero Downtime Backup to product applications.
- Open file backup using the Windows file system snapshot feature VSS (Volume Shadow copy Service) does not require the O-line backup LTU. However, O-line backup of Databases, which are not part of the operating system, require this O-line backup LTU. System configuration backup does not require the Online backup LTU.
- Required for MS Exchange Single Mailbox backup.
- Each node with a configured Oracle DataGuard standby Database in Data Protector requires this license.
- VMware Consolidated Backup (VCB) and VMware ESX Server backup require one Windows / Linux license per ESX Server, VCB Proxy, and VMware Virtual Center participating in the backup and restore process. Script based VCB and ESX Server backup do not require the On-line Backup license.
- On-line Backup of an application/Database on a VMware Virtual Machine requires one license.
- Not required for HP Network Node Manager Online backup.
- Not required for HP Systems Insight Manager Online backup.

For supported Databases please refer to the Data Protector support matrices under: <http://www.hp.com/go/dataprotector>.

On-line Backup licensing in Virtual Environments:

- Storage API for data protection (VADP), VMware Consolidated Backup (VCB) and VMware ESX/ESXi Server backup require one On-line Backup LTU for Windows, Linux license per ESX server, ESXi server, or vSphere server.
- Microsoft Hyper-V environments require one On-line Backup LTU for Windows, / Linux license per physical Hyper-V server.
- Additional OOn-line Backup LTUextensions are required for each virtual machine that contains application-specific agents.

- On-line Backup of an application/Database on a VMware Virtual Machine requires one license per Virtual Machine.
- On-line Extension Backup Licensing for Microsoft SharePoint.
- In SharePoint environments, an On-line Backup LTU is required for each physical system that contains persistent data, such as content Databases or index servers.

HP Data Protector Manager-of-Managers: includes the license-to-use (LTU) for each Data Protector management server (Cell Manager), running on the specified platform, to be part of a Manager-of-Managers environment. This license is required in addition to the Cell Manager license from the Starter Pack.

- Required to share tape libraries between multiple Data Protector Cells.

HP Data Protector Advanced Backup to Disk: includes the license-to-use (LTU) for 1 TB of backup disk storage. Required once per TB usable native capacity of backup disk storage.

HP Data Protector Zero Downtime Backup (ZDB): includes the license-to-use (LTU) for one TB of used primary disk space capacity of the specified operating system (UNIX, Linux, or Windows) based backup utilizing the snapshot capabilities of any disk array supported by Data Protector. Used primary disk space capacity is defined as the total capacity of all primary disks on the disk array used by UNIX, Linux or Windows systems. The primary disks contain the application data and are protected by Data Protector. A Data Protector On-line Backup LTU is additionally required per system, to protect all applications using ZDB.

HP Data Protector Instant Recovery: includes the license-to-use (LTU) for one TB of used primary disk space capacity, of UNIX, Linux or Windows based backup utilizing the snapshot capabilities of any disk array supported by Data Protector. Used primary disk space capacity is defined as the total capacity of all primary disks on the disk array used by UNIX, Linux or Windows systems. The primary disks contain the application data and are protected by Data Protector.

HP Data Protector Direct Backup for XP: includes the license-to-use (LTUs) to perform direct backup with HP StorageWorks disk array XP. A license is required for each TB of used Source disk space needed for direct backup (serverless).

HP Data Protector Direct Backup for NDMP: includes the license-to-use (LTU) to backup 1 TB of 1 NDMP Server. Required once per terabyte (TB) used disk space, for each file server being backed up via NDMP (e.g. Network Appliance Filers or EMC Celerra File Servers).

HP Data Protector Encryption Extension: includes the license-to-use (LTU) to encrypt all backup data of one HP Data Protector client Server or Workstation with the HP Data Protector AES 256 bit encryption software. A license is required for each HP Data Protector client (Agent / Application Agent) with encryption configured.

- Tape Drive based encryption is free of charge and does not require this license.
- In a cluster environment, each system participating in the cluster requires a LTU.

HP Data Protector Granular Recovery Extension: includes the license to restore single items from a backup done on a single Server with a DP On-line Backup extension (in this case the DP On-line Backup LTU is required. For other backup sources like offline backups or 3rd party backup of the GRE supported applications, one GRE license is needed per target Server to which items will be recovered with GRE.

Granular Recovery Extension Licensing for Microsoft SharePoint: for SharePoint environments, a Granular Recovery Extension license is required for each physical Server that contains a content Database which backup acts as a Source for recovering a single document, a directory or an entire site.

Granular Recovery Extension Licensing for VMware: for VMware, a Granular Recovery Extension (GRE) license is required for each ESX Server that hosts one or multiple Virtual Machines during backup and which files are recovered using GRE.

One Data Protector On-line Backup LTU is required per system to perform a backup that can be used for Granular Recovery.

HP Data Protector Media Operations: the Entry Level license includes the license-to-use (LTU) for 2,000 Media, one management server and unlimited clients. The Enterprise license includes the license-to-use (LTU) for 10,000 Media, one management server and unlimited clients. The Unlimited license includes the license-to-use (LTU) for Unlimited Media, one management server and unlimited clients.

HP Data Protector Single Server Edition: includes the license-to-use (LTU) to backup one single Server on the specified platform; with an unlimited number of UNIX and/or Windows Workstations; one Drive; and the ability to manage one auto-changer/library with up to 10 Slots. The Single Server Edition for Windows can only manage Windows Workstations.

HP Data Protector for PCs (previously called HP Data Protector Notebook Extension)

HP Data Protector for PCs is licensed per Client. The LTUs available are for 25, 100 or 1,000 Clients. One additional HP Data Protector for PCs LTU (existing or new) is required to purchase the 25-Clients LTU.

HP Data Protector Management Pack

HP Data Protector Management Pack is licensed by Cell Manager.

HP File Archiving (previously called HP File Migration Agent)

All HP File Migration Agent software for HP Storage versions 2.x (server or cluster) include a license-to-use (LTU) to migrate and archive unlimited TB of data per Server or Cluster. For File Archiving software versions 3.x, up to 500 TB per Server or per Cluster may be migrated and archived. HP File Archiving version 3.x is licensed per TB of migrated and archived data. The LTUs available are for 1, 10 or 50 TB.

HP Records Manager (previously called HP TRIM)

HP Records Manager is licensed per Named User and the base package includes the following modules: 1) Content Indexing, 2) WebDrawer, 3) Document Caching, 4) Transmittals/Communications, 5) Document Assembly, 6) Annotate/Redact, 7) User Gateway, 8) Kofax, 9) LabelLink and 10) Directory Sync.

HP Records Manager Repository Management is licensed per pack of 10 million Objects plus 10 Named Users.

HP Records Manager Warehouse Integration is licensed per Integration.

HP Structured Data Manager (previously called HP Application Information Optimizer and HP Database Archiving)

HP Structured Data Manager is licensed by Source Database. If multiple Databases exist on one physical Server, each Database to be archived is considered a Source Database and must have a separate license. For example if three Databases reside on one physical Server and only one will be archived with HP Structured Data Manager, only that one Database is considered a Source Database and requires a license. Licenses cannot be transferred between production Databases.

HP Structured Data Manager is only licensed per Source Platform to customers who purchased such licenses prior to December 1, 2013.

HP Structured Data Manager single Source Platform License: includes the license-to-use (LTU) for archiving data from a production Database to an archive in either the form of another Database or a file. Licensing is determined by:

- The total number of CPU Cores that are being used by the production Database to be archived.
- If multiple Databases exist on one physical server, each Database to be archived must have a separate license. For example if 3 Databases reside on one physical server and only one will be archived with HP Structured Data Manager, only that 1 Database requires a license.
- If the production Database does not have a fixed number of CPU Cores allocated to it, in a partitioned or provisioned environment for example, the Database should be licensed for the maximum number of CPU Cores that the Database could use at any given time.
- If the production Database resides in an Oracle RAC environment, the Database should be licensed according to the total number of CPU Cores across nodes allocated to that production Database.

Licenses cannot be transferred between production Databases. License does not include HP Neoview as a production Source Database.

HP Structured Data Manager 5 Source Platform License: includes the license-to-use (LTU) for archiving data from 1-5 production Databases to an archive in either the form of another Database or a file. This multi-Source license is determined by:

- The total number of production Databases between 1-5 to be archived.
- This multi-Source license does not consider the amount of CPU Cores on each of the individual Databases.

This license is strictly limited for use on 1-5 production Databases. Use of the software on 6 or more production Databases is in violation of the license. Licenses cannot be transferred between production Databases. License does not include HP Neoview as a production source Database.

HP Structured Data Manager 25 Source Platform License: includes the license-to-use (LTU) for archiving data from 1-25 production Databases to an archive in either the form of another Database or a file. This multi-Source license is determined by:

- The total number of production Databases between 1-25 to be archived.
- This multi-Source license does not consider the amount of CPU Cores on each of the individual Databases.

This license is strictly limited for use on 1-25 production Databases. Use of the software on 26 or more production Databases is in violation of the license. Licenses cannot be transferred between production Databases. License does not include HP Neoview as a production source Database. Options for all pre-packaged application support modules (EBS or PSFT), Transparency and Archive Query Server are included.

HP Structured Data Manager Unlimited Source Platform License: includes the license-to-use (LTU) for archiving data for an Unlimited number of production Databases to archives in either the form of another Database or a file. This multi-Source license is strictly limited to the legal entity that this license is being sold to. This multi-Source license does not consider the amount of CPU Cores on each of the individual Databases. License does not include HP Neoview. Options for all pre-packaged application support modules (EBS or PSFT), Transparency and Archive Query Server are included.

Additional license terms

Term

- A. Unless stated otherwise, you are authorized to Use one Device at a time for your Internal Use.

hp.com/go/SWlicensing

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5066-4147, Created May 2014; Replaces 5066-4140 (April 2014)

