

# Licensing Guide



## Micro Focus Data Protector

### Data Protector Editions

Data Protector Licensing from 10.x		Product number
Data Protector Express Edition	1 Socket Software E-LTU	SP-AN541
Data Protector Premium Edition	1 TB Software E-LTU	SP-AN545

- Data Protector Express Edition (introduced with Data Protector 10.10 (2018.09)) provides socket-based licensing for virtualized environments and includes backup and recovery of virtual machines.
- Advanced virtualization features such as granular recovery (GRE), power on, live migrate and zero downtime (ZDB) integrations and software encryption. However, file system and application integration agents are only available with DP Premium and not available with DP Express.
- Data Protector Premium Edition (introduced Data Protector 10.10 (2018.09)) is a capacity license based on the amount of front-end data being backed up. The license covers all features of Data Protector, including file system backup, application integration, virtualization support, and software encryption.
- Data Protector Express and Premium Edition user interfaces provide enhanced reporting capabilities to effectively monitor your backup environment. The Premium Edition has advanced enhanced reporting.

### Feature-Based Licensing (Traditional Licensing)

Starter Pack (always required for new customers)		Windows	Linux
LTU	1 Cell	SP-AL038	SP-AL031

Drive and Library Extensions		All Platforms	Windows, NetWare, Linux	Unix, NAS, SAN
Drive LTU	1 Drive		SP-AK987	SP-AK986
Library LTU	1x 61-250 / unlimited Slots	SP-AL008 / SP-AL009		
Library LTU	1x Upgrade to unlimited Slots	SP-AL010		

- A starter pack is always necessary and is chosen depending on the operating system. It includes licenses for:
  - A management server (cell manager) for the selected operating system
  - An unlimited number of backup agents for all platforms
  - A tape drive (SP-AL038 and SP-AL031 contains 1x SP-AK987)
  - Libraries with up to 60 slots each
- Additional functionality required, tape drives or libraries with more than 60 slots. Tape drives distinguish whether they are connected directly to Windows, Linux, or Netware servers, and without the use of an FC switch, or running on a SAN, UNIX, or NAS. For details, see DP Practitioner Community.
- You only need to license the number of tape drives that are running at the same time. Typically, this is the total number of drives for optimal performance.

Functional Extensions		Windows	Linux	Unix
On-line Extension LTU	1 System	SP-AL018	SP-AL018	SP-AL017
Advanced On-line Extension	1 System	SP-AN542	SP-AN542	
Granular Recovery Extension	1 System		SP-AK998 (all Platforms)	
Zero Downtime LTU - HPE Arrays - 1 TB / 10 TB		SP-AL049 / SP-AL048	SP-AL045 / SP-AL056	SP-AL046 / SP-AL047
- non-HPE Arrays - 1 TB / 10 TB		SP-AN548 / SP-AN547	SP-AN550 / SP-AN549	SP-AN546 / SP-AN551
Instant Recovery LTU	1 TB / 10 TB	SP-AL007 / SP-AL006	SP-AL002 / SP-AL003	SP-AL004 / SP-AL005

- The online extension supports the online backup of databases and applications. This license is also used for the integration of VMware and Hyper-V. All vSphere servers require their own online extension for Windows / Linux, as well as Hyper-V servers. If databases and other applications in the virtual machines are to be backed up online, additional online extension licenses are required. In clustered environments, each node requires a license.
- The Advanced Online Extension supports online backup of MySQL Ent and PostgreSQL databases. Starting DP 10.90, standard online backup license will work as well for MySQL Ent and PostgreSQL.
- Granular Recovery Extension enables the recovery of single files from MS Exchange, MS SharePoint and VMware. The recovery can be performed by the administrator of the application
- Zero Downtime Backup controls the copying of data within a disk system or over hard disk systems. As a result, there is only a brief standstill of the application during backup. Instant Recovery controls accordingly restoring the data. Licensing by the size of the LUNs to be copied on the primary storage system.

Manager of Managers (MoM)		Windows	Unix
Manager of Managers LTU	1 System	SP-AL013	AP-AL012

- To run multiple backup cells, the Manager of Managers is not essential, but it improves management by bringing together databases, enabling cross-licensing and cross-library use. The MoM license is required once per cell.

LTU = License to use

For more details on Data Protector licensing terms, see [Data Protector Practitioner Community](#)

Advanced Backup to Disk (AB2D)		All Platforms
Advanced Backup to Disk LTU	1 TB / 10 TB / 100 TB	SP-AK979 / SP-AK978 / SP-AK977

- Deduplication and backup-to-disk functionality uses the Advanced Backup-to-Disk extension. AB2D replaces the drive and slot licenses otherwise required for the virtual tape library. Licensed is the "usable native capacity" of the storage system.

Additional Options	Product number
Encryption LTU	1 Server, Workst. / 10 Server, Workst.
	SP-AK991 / SP-AK990
NDMP Backup LTU	1 TB / 10 TB / 100 TB
	SP-AK985 / SP-AK981 / SP-AK984

- With the Encryption license, Data Protector encrypts the data to be backed up at the source (AES256). Alternative hardware based encryption is free of charge.

Single Server Edition	Windows
LTU	SP-AL029
Migration to Starter-Pack	SP-AL028

- The single-server edition of Data Protector backs up a server's data to a tape drive and a library of up to 10 slots.

## Data Protector Reporting Server Licensing

DP Reporting Server Licensing	Windows
Reporting Server License LTU	1 Cell
	SP-AL057

- The license is valid as of DP 10.60. Reporting server module is available, as an add-on, for Data Protector traditional licensed customers to improve their insights and management capabilities.

## Capacity Based Licensing

Capacity Based Licensing	All Platforms
Capacity LTU per TB	1-9 TB / 10-49 TB / 50-99 TB / 100-249 TB / 250-499 TB / 500-999 TB / >1000TB
	SP-AO840 / SP-AO841 / SP-AO842 / SP-AO843 / SP-AO844 / SP-AO845 / SP-AO846

- Data Protector is licensed either per capacity (in TB or PB) or per function (Cell Manager, client, drive, etc.). These licensing models must not be mixed in an implementation of the software product.
- The required TB and PB values for capacity based licensing are calculated using the following rules:
  - For a complete and incremental backup concept, only full backups are considered.
  - The "always incremental" policy uses a "synthetic", complete concept as the basis.
  - The average size of a single archive log or transaction log backup is added to the database capacity.
- Capacity-based license includes a License-To-Use (LTU) license for Cell Manager and Manager of Managers, Tape Drives and Libraries, Online Backup and Granular Recovery Extensions, Zero Downtime Backup and Instant Recovery, Advanced Backup to Disk and NDMP.
- Advanced online backup is included in the capacity-based license.
- One LTU is required per TB.
- Example: for data to be backed up of 240 TB, the license SP-AO843 is required 240 times.

## Backup Navigator Licensing

Backup Navigator Licensing	All Platforms
LTU per TB	1-9 TB / 10-49TB / 50-99 TB / 100-249 TB / 250-499 TB / 500-1000 TB / >1000TB
	SP-AO833 / SP-AO834 / SP-AO835 / SP-AO836 / SP-AO837 / SP-AO838 / SP-AO839

- The license is valid as of DP 8. The licensing is based on the gross size of the full backup or the synthetic full backup, an LTU is required per TB.

## Data Protector Management Pack Licensing

DP Management Pack Licensing	Windows
DP Management Pack LTU	1 Cell
	SP-AN543

- The license is valid as of DP 8.

LTU = License to use

For more details on Data Protector licensing terms, see [Data Protector Practitioner Community](#).

## Additional Information

Subject	Source	Target Group
General product information	Data Protector Web site: <a href="https://www.microfocus.com/en-us/products/data-protector-backup-recovery-software/overview">https://www.microfocus.com/en-us/products/data-protector-backup-recovery-software/overview</a>	Partner / Customers
Manuals, patches, software updates, support cases	<a href="https://softwaresupport.softwaregrp.com/">https://softwaresupport.softwaregrp.com/</a>	Partner / Customers
Technical information, customer reports, datasheets, presentations, sales tools, web training, competitive information	Micro Focus Partner Portal <a href="https://microfocuspartner.force.com/s/">https://microfocuspartner.force.com/s/</a>	Partner
Operating instructions, manuals	Data Protection Practitioner Community Site: <a href="https://docs.microfocus.com/?DP">https://docs.microfocus.com/?DP</a>	Partner / Customers

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### Get connected

[software.microfocus.com/en-us/products/data-protector-backup-recovery-software/overview](https://software.microfocus.com/en-us/products/data-protector-backup-recovery-software/overview)

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