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Welcome to the webcast:

Enhancements of the AUVESY Image Service in
version 9.0

AUVESY.

WELCOME TO THE WEBCAST!

Enhancements of the AUVESY Image Service in version 9.0

Date: Thursday, 02 September 2021

16:00 - 16:45 CEST / 10:00 am - 10:45 am EDT

Speakers:



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Please mute your microphone.



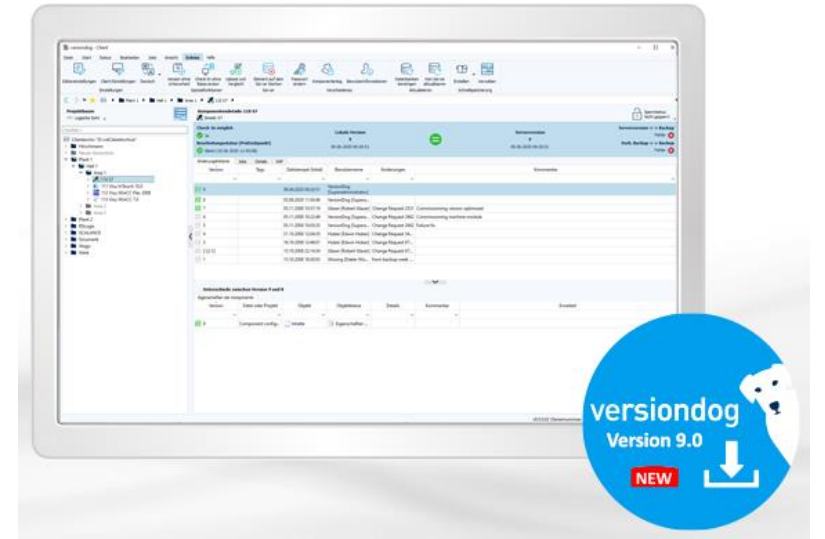
Please write your questions in the chat.

TOPICS

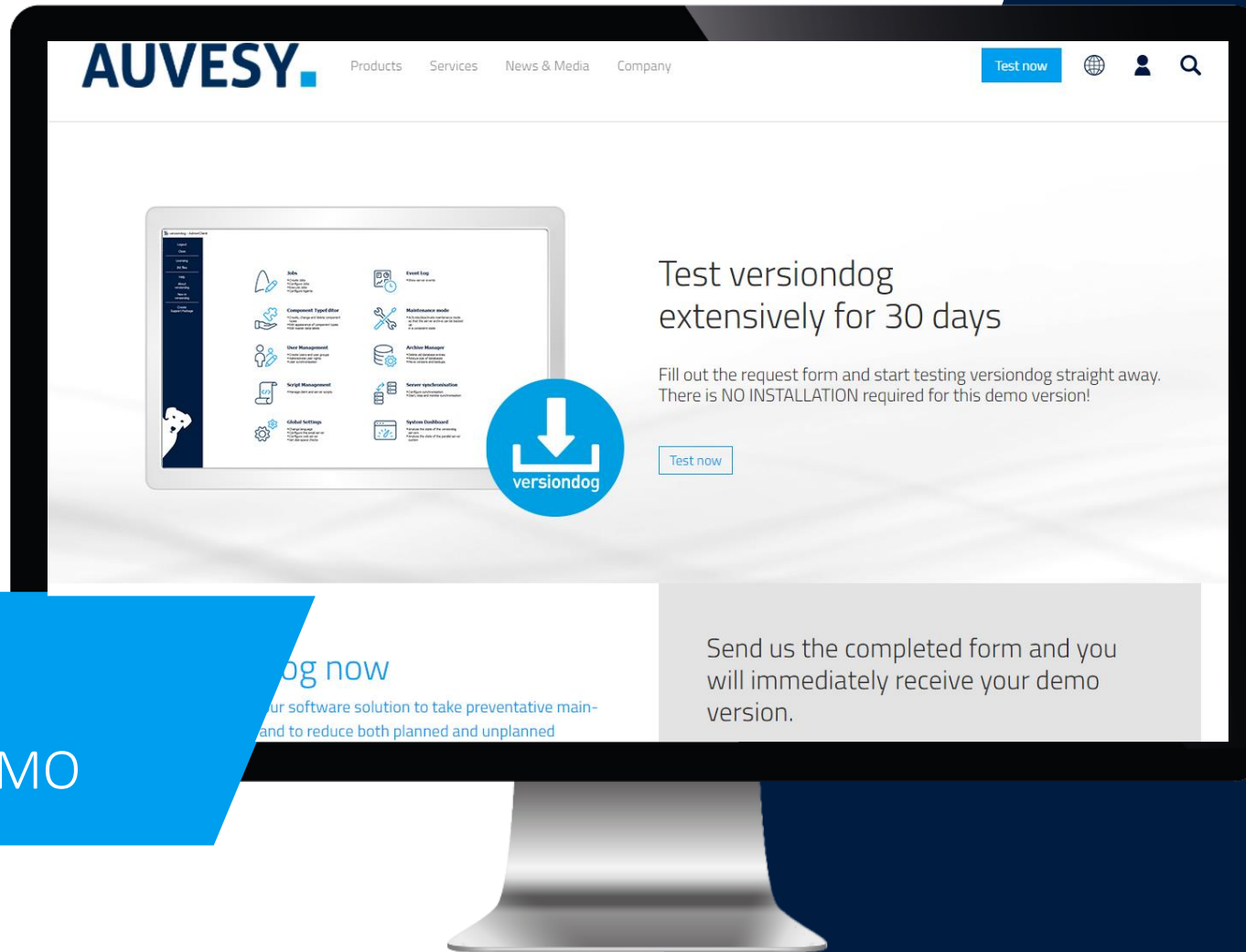
- How to try the AUVESY Image Service
- New features in version 9.0 with LIVE DEMO
- What's next

TOPICS

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TRY VERSIONDOG TODAY



DOWNLOAD

VERSIONDOG DEMO

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New features in version dog 9.0

**Optional limitation of
the transfer speed**

**Optional encryption of
the created images**

**Differential
Backup**

**Software
inventory list**



OPTIONAL LIMITATION OF THE TRANSFER SPEED

- Under **Limit IO Rate** you can specify the maximum amount of data (in megabytes per second) to limit the network load
- Prevent network overload or bottlenecks
- Reduces the risk of problems with the write speed of the storage

▼ **Additional information**

Excluded files:

```
path1\file?.txt  
path2\*.bin
```

Admin share: C\$

Limit IO Rate: 50

Image Password: ●●●●●

OPTIONAL ENCRYPTION OF THE CREATED IMAGES

- If you provide a password in **Image Password**, the Backup file (SNA file) will be encrypted
- Protects the backup from misuse and modification
- The password cannot be read in the log



Do not forget your password!

▼ **Additional information**

Excluded files:

```
path1\file?.txt  
path2\*.bin
```

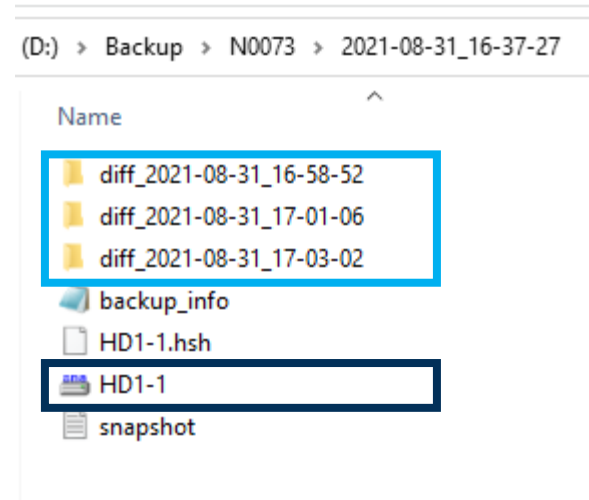
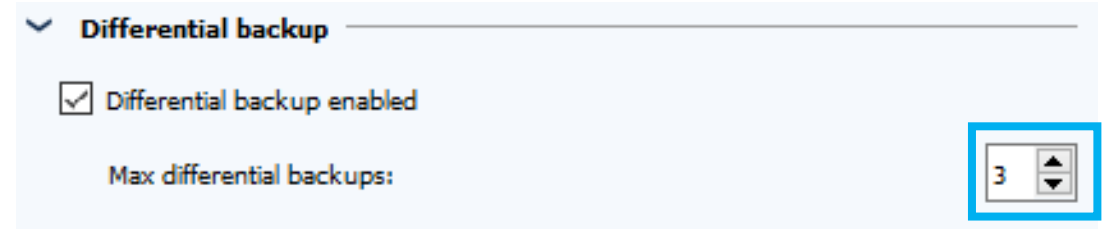
Admin share: C\$

Limit IO Rate: 50

Image Password: ●●●●●

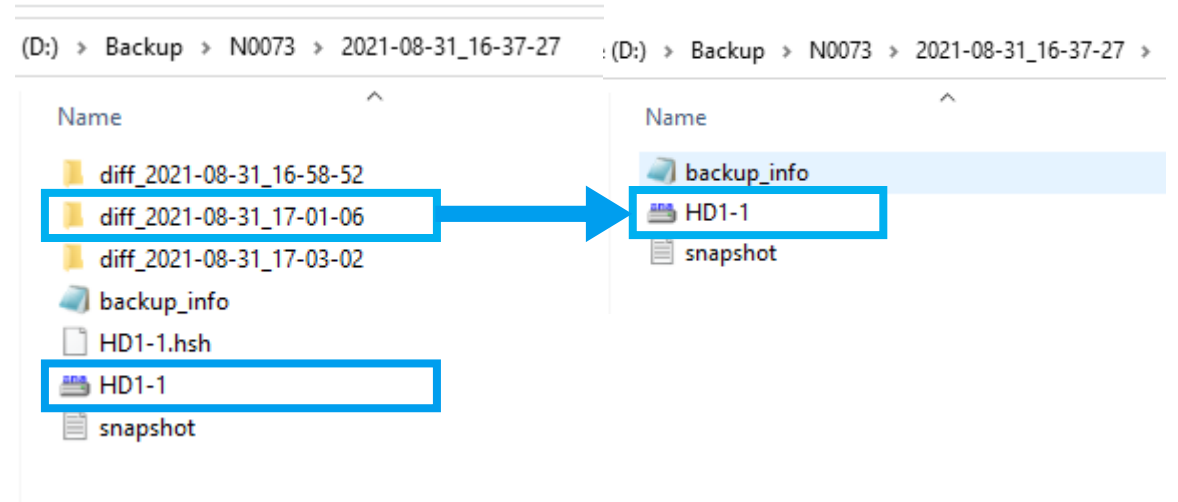
DIFFERENTIAL BACKUP

- With a **differential backup**, only the data that has changed or been added since the last full backup is backed up
- **Differential backups** always belong to a previously created **full backup**
- One rollover contains a **complete differential cycle**
 - 1 full backup
 - 3 differential backups
- The new Cycle starts with a new full Backup



DIFFERENTIAL BACKUP RECOVERY

For a **recovery**, the full backup and the differential backup of the day to be restored are required



EXAMPLE OF A POSSIBLE BACKUP STRATEGY

- Daily backups are available for one month
 - Rollover: 4
 - Max. differential backups: 6

Upload and compare

Save policy: Always save backup (keeping previous backup eve

Number of backups retained (rollover): 4

Differential backup

Differential backup enabled

Max differential backups: 6

Day / Week	1	2	3	4
Sun	FULL	FULL	FULL	FULL
Mon	DIFF	DIFF	DIFF	DIFF
Tue	DIFF	DIFF	DIFF	DIFF
Wed	DIFF	DIFF	DIFF	DIFF
Thu	DIFF	DIFF	DIFF	DIFF
Fri	DIFF	DIFF	DIFF	DIFF
Sat	DIFF	DIFF	DIFF	DIFF

FACTS ABOUT...

■ Full Backup

- HD = ~480 GB
 - Used: ~134 GB
 - Free Space: ~345
- Backup Size: ~70 GB
- Compression rate: ~ 50 %
- Job runtime: ~ 10 minutes

■ Differential Backup

- 1 Day later
- Backup Size: ~ 890 MB
- Job runtime: ~ 2 minutes

■ Dependencies

- Hard disk
 - Size
 - Capacity
 - HD type
- Device hardware
 - Processor
 - Memory
- Network
 - Bandwidth
 - Transfer paths
 - Network traffic
- Storage
 - Type
 - Data transfer route
 - Additional local storage

CREATE AND COMPARE THE SOFTWARE LIST

- Activation of automatic versioning
 - General job settings
 - Specific upload type setting
- Activation of the software list comparison
 - Component type editor
- Activation of automatic versioning after job run in the job settings
- The latest list can always be found in the project tree in the user client
- In the case of a change, which is determined with comparison
 - You will receive an information. Job result "different"
 - A new version is created automatically

The screenshot displays a configuration interface with several sections:

- Automatic version creation after job run**: Two sections, each with a checked checkbox and the text "Enable automatic version creation (must also be enabled for each upload type)" and "Enable automatic version creation (must also be set in the jobs)".
- Compare these files**: A table with columns for Specification, Comparator, and Subdirectories.

Specification	Comparator	Subdirectories
*.info	ASCII	Include
*.json	Json	Include

Below the table, there is a section **Create a version automatically after job run** with a dropdown menu set to "Differences found (Server version <-> E)".

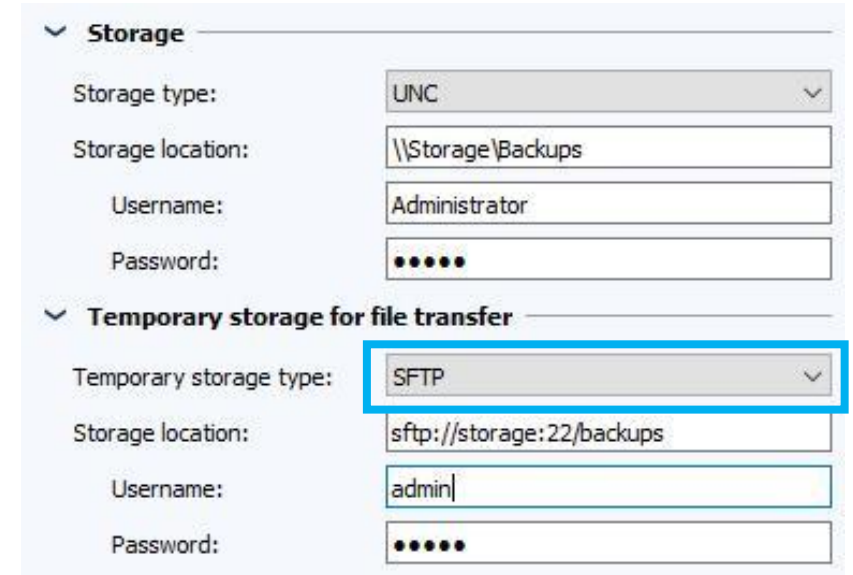
At the bottom, a file explorer view shows a client archive "D:\DEMO\versiondog_9.0\versiondog\vdCA" with a tree structure including folders like "3S CODESYS", "Atlas Copco", "AUVESY", and "Beckhoff TwinCAT". The file "software_info.json" is highlighted.

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NEW STORAGE TYPE SFTP

- **SFTP** as an alternative to UNC
 - Available for “Device to Storage”
 - Available for “Device to Temp Storage to Storage”
- Thanks to the possible configuration options, there are over **36 possibilities** to cover your individual use cases
 - Transfer route
 - Storage type
 - Additional local storage



The screenshot shows a configuration interface with two sections: 'Storage' and 'Temporary storage for file transfer'. In the 'Storage' section, 'Storage type' is set to 'UNC', 'Storage location' is '\\Storage\Backups', 'Username' is 'Administrator', and 'Password' is masked. In the 'Temporary storage for file transfer' section, 'Temporary storage type' is set to 'SFTP' (highlighted with a blue box), 'Storage location' is 'sftp://storage:22/backups', 'Username' is 'admin|', and 'Password' is masked.

Do you need support?



IMAGE SERVICE
INTEGRATION

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IF YOU HAVE ANY QUESTIONS,
PLEASE CONTACT ME!



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