



SYNESIS Version 9.0 Release Notes

Feb 19, 2025, Version 9.0.1

Upgrading

We provide system recovery with recovery media.

- Required Time: About 90~120 minutes.
- Existing Data and Settings: They will be lost. However, it is possible to inherit configuration by using the system backup/restore function.
- Applicable Version: All versions

Models of Upgrading Available

SYNESIS Portable		SYNESIS Distributed	
SYX-P-CB-2G-3	SYX-P-CB-40G-2	SYX-D-CB-2G-1	SYX-D-CB-10G-2
SYX-P-CB-4G-2	SYX-P-CB-50G-1	SYX-D-CB-2G-2	SYX-D-CB-10G-3
SYX-P-CB-10G-3	SYX-P-CB-100G-1	SYX-D-HCB-8G-1	SYX-D-HPB-20G-2
SYX-P-CB-20G-2	SYX-P-HPB-100G-2	SYX-D-HCB-10G-1	SYX-D-HPB-20G-3
SYX-P-CB-20G-3	SYX-P-HPB-200G-2	SYX-D-HCB-10G-2	SYX-D-HPB-20G-4
SYX-P-CB-20G-3M	SYX-P-HPB-200G-3		

P/Ns of Production Available

Control Unit P/N			Capture Module P/N	
SYxB-2GP3	SYxB-50GP2	SYxB-10GR1-C (*1)	SYxC-1G4N1-HP	SYxC-10G4N1-HP
SYxB-2GP4	SYxB-100GP4	SYxB-10GR1-CMP (*1)	SYxC-1G4N1-LE	SYxC-10G4N1-LE
SYxB-4GP2	SYxB-200GP3	SYxB-10GR2-C (*1)	SYxC-1G4N2-HP	SYxC-10G4N2-HP
SYxB-4GP3	SYxB-200GP4	SYxB-10GR2-CMP (*1)	SYxC-1G4I1-LE	SYxC-25G2N1-HPL
SYxB-10GP3	SYxB-2GR2-C	SYxB-10GR2	SYxC-1G2N1-HPL	SYxC-25G4N1-HP
SYxB-20GP1-R10	SYxB-2GR2-CT	SYxB-10GR3	SYxC-10G2N1-HP	SYxC-100G2N2-HP
SYxB-20GP2	SYxB-2GR4-C	SYxB-10GR3-T	SYxC-10G2N1-LE	
SYxB-20GP3	SYxB-2GR4-CP	SYxB-10GR4		
SYxB-20GP3-2D	SYxB-2GR4-CT	SYxB-10GR4-T		
SYxB-40GP2	SYxB-8GR1-C (*1)	SYxB-20GR2 (*1)		
	SYxB-8GR2-C (*1)	SYxB-20GR3 (*1)		

(*1) External storage can be expanded.

New Features

- 1) Updated OS to Ubuntu 24.04.
- 2) Updated Wireshark/tshark version to 4.4.
- 3) Added support for Google Chrome as a browser for displaying the SYNESIS GUI.
- 4) Added support for adding static routes as part of the SYNESIS management network configuration. Static routes can be added for SYNESIS V6.5 or later.

Specification Changes since Version 8.5

- 1) In the SYNESIS GUI PacketReplayer, when using a profile with “Stream” set to “Original Speed”, the time interval between packets of replay source data was uniformly adjusted to 10 nanoseconds when the interval was 30 seconds or longer. This was changed to a uniform interval of 30 seconds. [#366]
- 2) Eliminated remote desktop access as a method of accessing the SYNESIS OS.

Fixed Issues

- 1) Fixed an issue where the syslog file was not rotated correctly.
 - ✧ This issue occurred in all versions since 6.5.
- 2) Fixed an issue that allowed multiple IP addresses to be specified for a single site even if their address ranges overlapped. [#311]
 - ✧ This issue occurred in all versions since 3.0.
- 3) Fixed an issue in which the adapter names in the channel status dialog displayed when clicking the channel icon in the SYNESIS GUI were not displayed correctly for models with multiple adapters. [#688]
 - ✧ This issue occurred in all versions since 8.5.
- 4) Fixed an issue in which some cells were corrupted when a csv file obtained by exporting the results of MFA packet loss analysis was opened in Excel. [#678]
 - ✧ This issue occurred in all versions since 5.0.
- 5) Fixed an issue in which NetKeeper, one of the services of SYNESIS, would run multiple times in rare cases.
 - ✧ This issue occurred in all versions since 3.0.
- 6) Fixed an issue in SIP Register analysis that incorrectly extracted information on non-target packets.
 - ✧ This issue occurred in all versions since 8.5.

Known Issues Added in This Version

- 1) Dashboard tabs sometimes display duplicates. [#996]
 - ✧ This issue will occur in version 3.0 or later.
- 2) Packet drops may be recorded for a few seconds immediately after capture starts and just before capture stops due to disk full. [#1023, #1032]
 - ✧ This issue will occur in version 3.0 or later.
- 3) When displaying adapter information using the "--info" option of the CLI version of the PacketReplayer, the Type information for the following types of adapters is displayed as "Unknown adapter type". [#942]
 - ✧ SYxC-1G4N2-HP
 - ✧ SYxC-1G2N1-HPL
 - ✧ SYxC-10G4N2-HP
 - ✧ SYxC-25G2N1-HPL
 - ✧ SYxC-25G4N1-HP