



SYNESIS 5.0 Release Notes

2020/08/20

Product Model

Portable	<u>SYx-2G-EP</u> , <u>SYx- 2G-EP2</u> , <u>SYx-4G-STP</u> , <u>SYx-4G-HPP</u> , <u>SYx-4G-HPP2</u> , <u>SYx-10G-CP</u> , <u>SYx-10G-EP</u> , <u>SYx-20G-CP</u> , <u>SYx-20G-HPP</u> , <u>SYx-20G-HPP2</u> , <u>SYx-40G-HPP</u> , <u>SYx-40G-HPP2</u> , <u>SYx-80G2-HPP2</u> , <u>SYx-100G-HPP2</u> , <u>SYx-100G-HPP2B</u> , <u>SYx-200G-</u> <u>HPP</u>
Distributed	<u>SYx-2G-ER</u> , <u>SYx-2G-ER2</u> , <u>SYx-4G-R</u> , <u>SYx-4G-STR</u> , <u>SYx-4G-HPR</u> , <u>SYx-8G2-HCR</u> , <u>SYx-</u> <u>8G2-HPR</u> , <u>SYx-10G-ER</u> , <u>SYx-10G-R</u> , <u>SYx-10G-R2</u> , <u>SYx-20G-HPR</u> , <u>SYx- 20G-HPR2</u> , <u>SYx-20G-R</u> , <u>SYx-40G-HPR</u> , <u>SYx-40G-HPR2</u> , <u>SYx-80G2-HPR2</u> , <u>SYx-100G2-HPR2</u>

※Current Model

1.

New Features

- 200Gbps capture support
- Applicable multi interface 100/40/25/10GbE (SYx-100G-HPP2)
- Deduplication (SYx-4G-HPP2/ 100G-HPP2B/ 4G-R/8G2-HCR/10G-CP/ 20G-HPP/ 10G-R/
20G-HPR ※Current model)
- MFA (Multi Flow Analysis) Enhanced feature
Packet loss analysis, Fragment packets are analyzable, the ladder can be saved as an image file.
- The data of DLC, APM/NPM, and microburst can be removed based on specified period.
remove data can be individually with specified period is available.
- eCPRI



- One stop upgrade feature
SYNESIS had needed a process to upgrade one major release version to another (ex V3.0 to V4.0, users need to upgrade from V3.0 → V3.5 → V4.0).
With this feature, users with V3.5/4.0/4.5 can upgrade to V5.0 directly.

2.Improvement from SYNESIS Ver4.0/Ver4.5

- [PacketReplayer]IPv4, TCP, and UDP checksums are now correctly recalculated and replayed when editing and sending packets.
- Ver5.0 is able to keep Syslog 30 days (7 days in Ver4.0/4.5)
- Change command name on PacketReplayer mode
Ver 5.0 adapterProfile (Ver4.5 SwitchCaptureToReplay , SwitchReplayToCapture)
- Backup of capture record and external data source end support after Ver4.5.

3.Fixed Issues

Please refer Technical Release Notes.

Please contact to synesis-tac-support <synesis-tac-support@toyo.co.jp>

4. Known issues and limitations added

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