



Introduction of the New Generation of HSMs for the SIC and euroSIC Systems

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Instructions



Participants' microphones and cameras are blocked during the webinar



Questions can be asked during the webinar via chat or verbally at the end



Microphones are enabled for Q&A at the end



For verbal questions, please state your name and the company



The webinar will be recorded (excl. Q&A)



The presentation and recording will be sent to the participants a few days after the webinar

Introduction to the Speakers



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Payment Specialist, SIC AG



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Agenda

01	02	03	04
New HSMs	Migration	Support	Q&A Session
<ul style="list-style-type: none">› Different models› Additional features› Performance comparison	<ul style="list-style-type: none">› Transition period and approach› Strategy› Timeline	<ul style="list-style-type: none">› Standard training› Extended training› Contact details	

New HSM Models

New HSM generation, based on S2-Platform:

S4 Model

→ Entry Level

S6 Model

→ Mid Level

S6P Model

→ Performance Level



Additional Features



HSM mixed mode of generations supported



High availability-cloning setup



Remote administration option via Decanus*

Enhancements that significantly **simplify and improve** the daily use of these devices and making them more flexible



Network interfaces



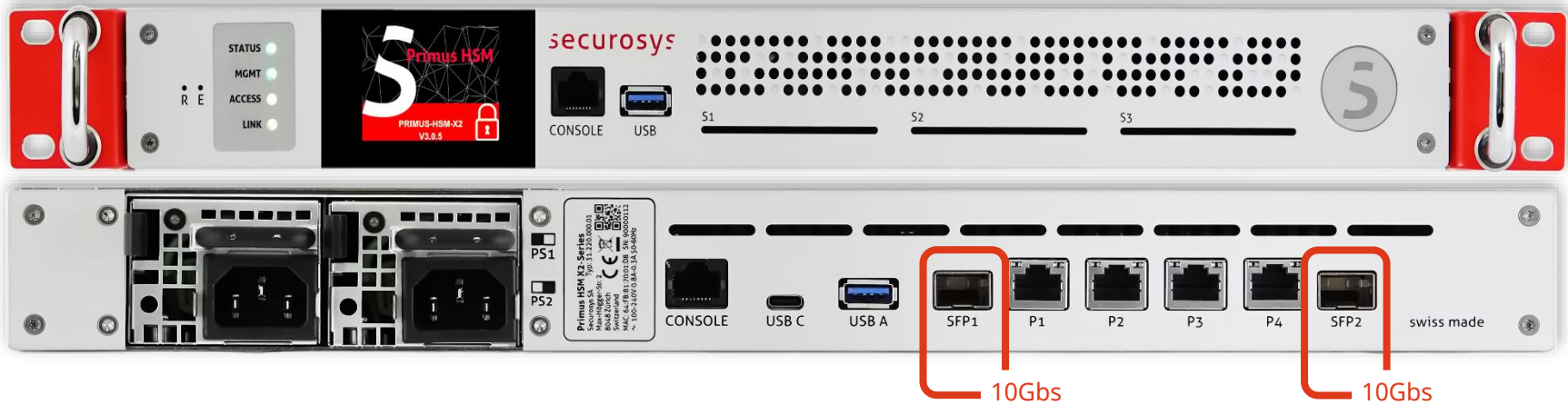
Support contract



Post-quantum cryptography
Included in all models of the new HSM generation

*must be purchased separately

Connectivity and Manageability



Remote administration via Decanus Terminal*

Touch display



Card reader



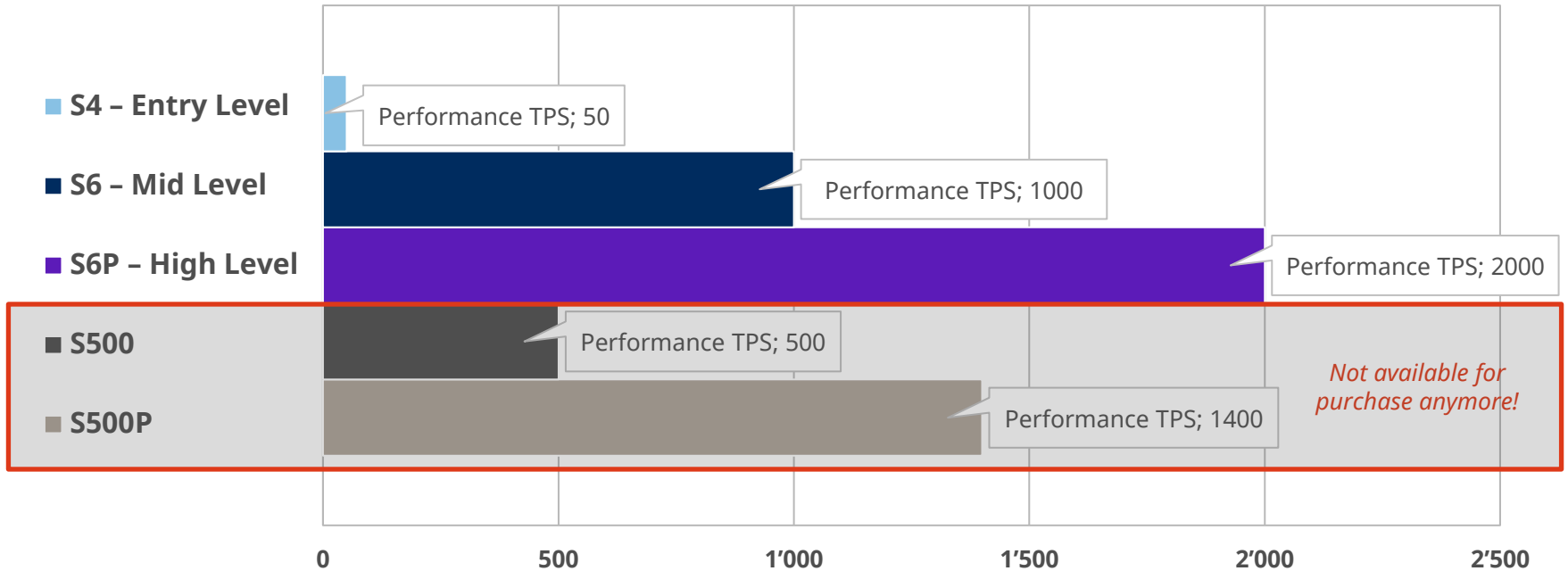
USB slot



*must be purchased separately

Performance Comparison

(TPS* RSA 3072)

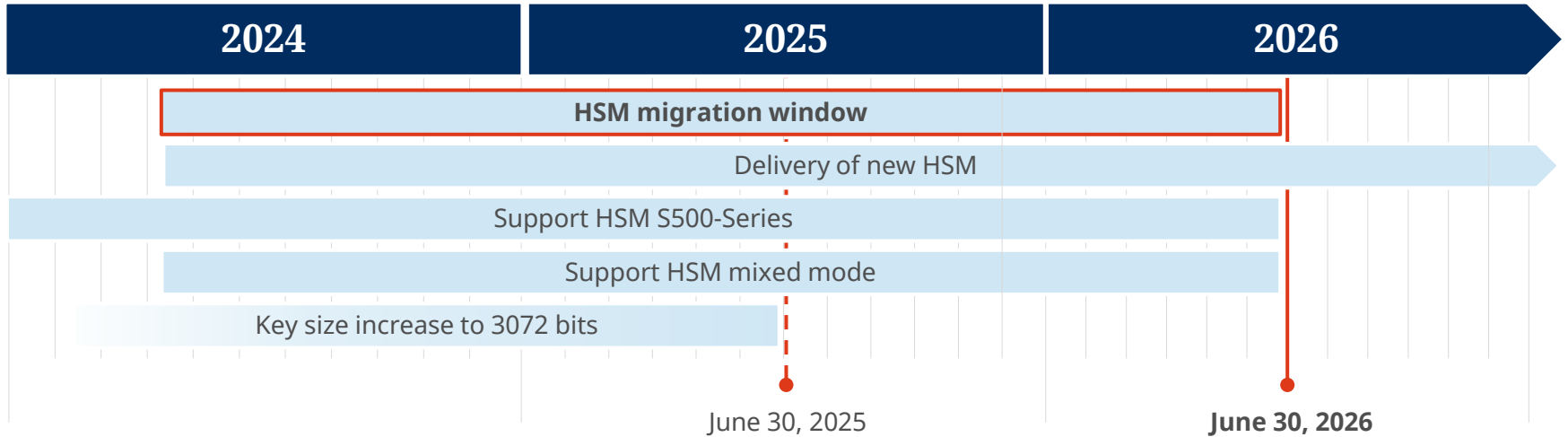


*Crypto-Operation transactions per second

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Transition Period and Approach



HSM mixed mode is supported



HSM generations can work in parallel



Step-by-step or phased approach

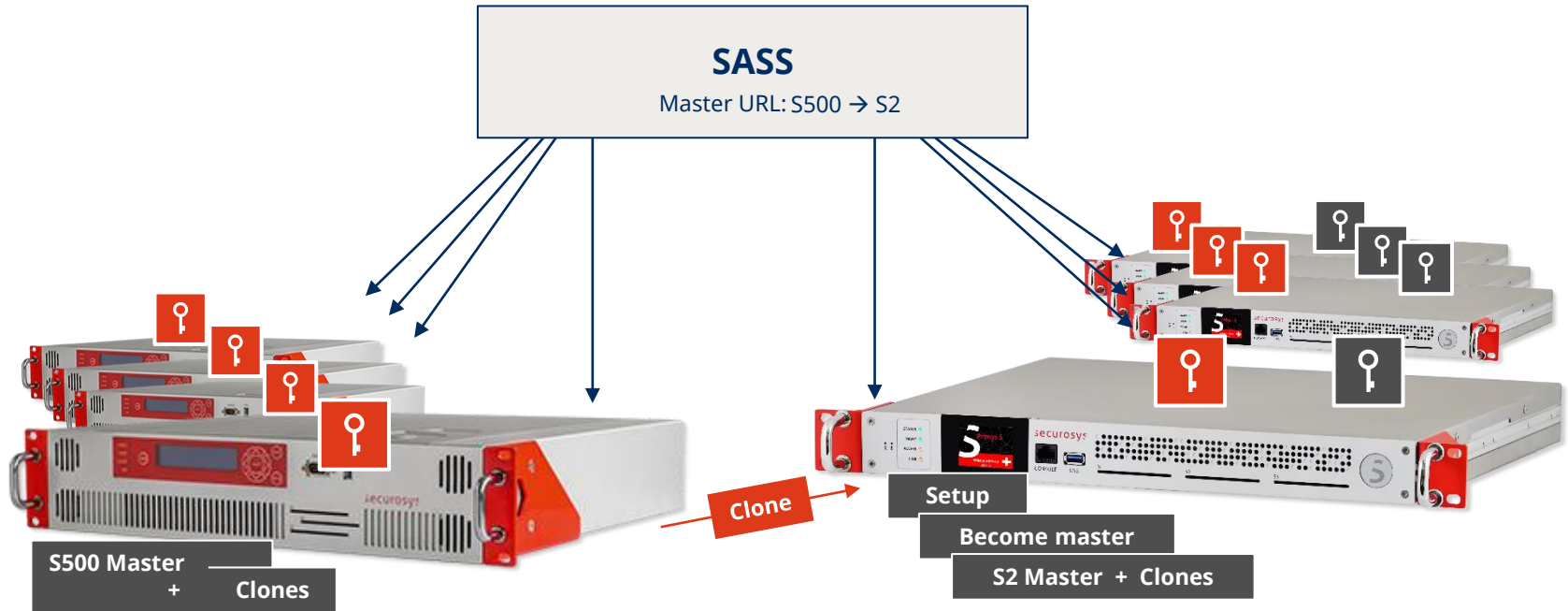


Simplifies and reduces risk



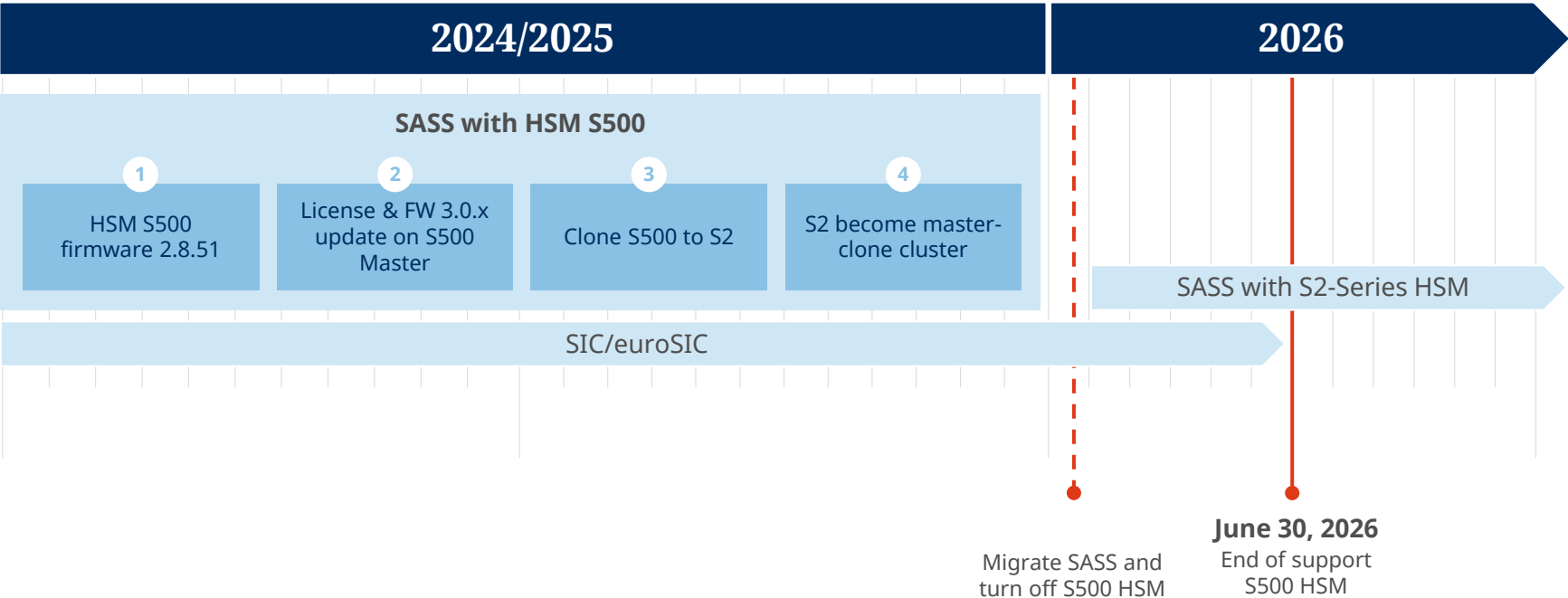
HSM S500 needs a firmware (FW) upgrade to version 3.x

Migration Strategy – Replace HSMs One by One



These scenarios are high-level and require detailed individual preparation depending on the setup.

Migration Timeline



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Training

Standard Setup

Half Day



- › Introduction / product overview & features
- › Initial setup / transport protection / digital seal / activation code
- › Role management (Security Officer (SO)), User (Partition), Genesis (Owner)
- › Primus HSM configuration (configuration, policy concept, networking)
- › Redundancy (device clone)
- › Firmware update / rollback
- › License update
- › Erase / factory reset
- › Troubleshooting and error handling (LEDs, buzzer, diagnostics, error message, logs)
- › Best practices

Extended Training

Full Day



- › Introduction / product overview & features
- › Initial setup / transport protection / digital seal / activation code
- › Role management (Security Officer (SO)), User (Partition), Genesis (Owner)
- › Primus HSM configuration (configuration, policy concept, networking)
- › Redundancy (device clone)
- › Firmware update / rollback
- › License update
- › Erase / factory reset
- › Troubleshooting and error handling (LEDs, buzzer, diagnostics, error message, logs)
- › Best practices



- › Partition SO
- › Partition configuration
- › Remote administration access (Decanus Terminal)
- › Backup & restore, validation, selective restore
- › High availability clustering (HA)

Contact Details

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Additional information and useful links



[SIC Extranet](#)

- [HSM Factsheets](#)
- [Price List and Order Form](#)



[Securosys Website](#)

- [Securosys Supportportal](#)
- [HSM Training Sessions](#)

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QA

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