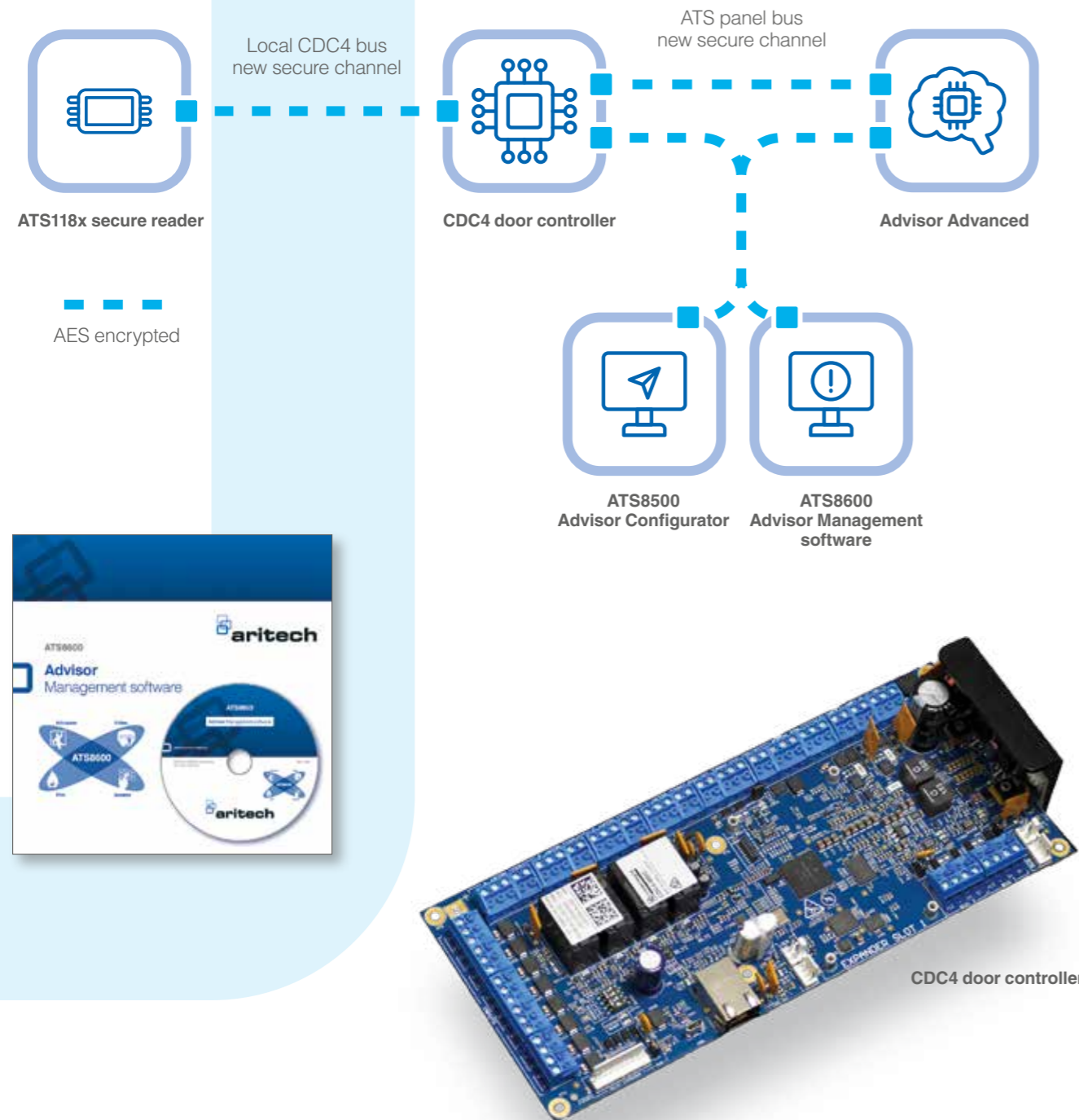# Why is moving from ATS125x series to CDC4 door controller a logical step?

Secure and configurable bus structure allowing integration of locks, readers and cards

Local CDC4 bus
new secure channel

ATS panel bus
new secure channel

ATS118x secure reader

CDC4 door controller

Advisor Advanced

AES encrypted

**ATS8500
Advisor Configurator**

**ATS8600
Advisor Management
software**

CDC4 door controller

Providing your customers with a more efficient, more secure and more flexible solution.

Hardware	ATS125x series	CDC4 door controller
	SKU: ATS1250, ATS1251, ATS1252, ATS1253, ATS1254	**SKU: CDC4**
	No IP nor USB onboard	**Onboard USB & IP, providing immediate access to the status of the doors, locks, and the system**
	One RS485-bus connection, ATS readers only	**Has two RS485 connections, both configurable, with selectable protocol, one of which allows to connect to wireless devices**
	Memory expansion required when needing more than 2 000 users	**No memory expansion required for users, schedules, credentials, etc.**
		Up to 32 readers and 30 expanders
	Limited diagnostics	**Full diagnostics**
	ATS125x series does not provide extension capabilities	**Portfolio will soon be extended with CDC-2DWIF, a Dual Wiegand Interface with 4 inputs**

Firmware		
	Only one mode	**Standard (legacy) mode of operation and Extended mode of operation, allowing to address larger applications**
	Real time alarm & access control for up to 4 intelligent doors per controller	**Real time alarm & access control for up to 8 doors per controller (extended mode)**
	Max. 48 intelligent doors/panel	**Up to 96 intelligent doors (extended mode)**
	Max. 32 inputs available and 16 outputs	**Any input (max. 32) and output (max. 16) can be assigned to report to control panel**
	Reader address sets reader configuration, max. 4 per door	**Any reader can be assigned to any door (up to 6 per door)**
		Any reader can be at any door side
	No security between reader and controller or controller and intrusion panel.	**Secure communication from card to reader to controller using ATS118x series secure readers**
	No OSDP support (Open Supervised Device Protocol)	**OSDP V2 support, improving interoperability among access control and security products**
	No wireless locks support	**Supporting Wireless Aperio locks (using AH30), providing you with the freedom to implement new business ideas**
		Wireless Salto XS4 locks through Sallis Router 485 offering more real-time access control options
	Transfer of users is slow (all users coming from intrusion panel) compared to CDC4	**Credentials programmable through management software allowing quick user and credential download**

Some new capabilities		
		Auto arming when last user leaves (requires in/out reader)
		New 3 x # option to arm area with PIN
	No unlock by card (except using macro's and area)	**New option to unlock when disarmed / lock when armed**
		New option to use low security mode when disarmed
		Scheduled actions for lock/unlock/enable/disable
	Lock configuration with different settings	**Simplified lock configuration**
	Limited extended unlock features	**Extended unlock features to support disabled persons**
		Two badge unlock, 1 badge lock option
	No timed anti-passback	**Timed anti-passback transfer**

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