Entrust Certified ID Card Printers with Gallagher

Entrust has undergone a series of test with Gallagher Security to ensure that Entrust printers are certified and ready to be deployed together with the Command Centre. Entrust now introduces the Sigma DS3 to the list of Gallagher certified printers. Organisations now have a greater range of Entrust printers to work with to decide which will work best for them based on their employee badge card requirements.

	Gallagher Command Centre	Simplex & Duplex Printing	Security Traits Supported	Magstripe	Mifare Classic	DESfire EV1	DESfire EV2	DESfire EV3
	8.3 onwards Direct Card Printer (up to 300dpi)	✓	· Tactile · Holograms · Laminates	✓	✓	✓	✓	✓
	8.4 onwards Retransfer Card Printer (up to 600dpi)	✓	· Tactile · Holograms · Laminates	✓	✓	✓	✓	✓

A full list of Entrust Card Printers supported by Gallagher Security is overleaf. To find out more, please contact a Gallagher expert at CSID on 1300 011 156 or enquiries@csid.com.au

About CSID (CardServ ID Pty Ltd)

CSID (CardServ ID Pty Ltd) is the exclusive and authorised distributor for the Entrust range of Desktop ID Card Printers throughout Australia, PNG & Fiji. CSID represents the latest solutions in Instant Issuance Desktop ID Card Printer Technology. Our products and services include Physical and Digital ID solutions, ID supplies, ID accessories and Software.

Our team specialise in designing tailored secure ID solutions which meet a wide variety of customer needs and budgets. These solutions vary in complexity from a simple Photo-ID Card System, which includes a card printer, card printer supplies and rd Management Software through to advanced software integrations and access control. 100% Australian-owned and operated since 1997, CSID (CardServ ID Pty Ltd) have a detailed understanding of the ID Card products and solutions at all levels of application.

End-to-End Card Printing & Mifare Encoding with Entrust and Gallagher Security

When it comes to verifying who you are and what you can access, identity is the key factor and a secure way to authenticate a user. Whether it's an internal employee or external customer, the best way to verify them is against a secure identity that you issue them.

The most widely used factor of an identity would be in the form of a physical plastic card, where personal data can be printed on the card and encoded within the chip of the card. The use case for this card can vary depending on the organisations, but two of the most common use cases are physical identification and access control ie. gaining entry into physical premises via gates and electronic doors etc...

To have a card used for these 2 use cases, the card must have the following attributes in order to be secure:
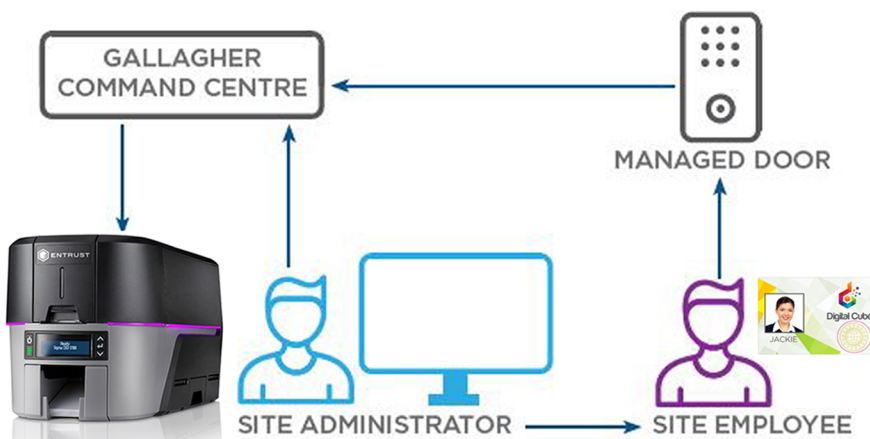1. The printed card must have the photo and personal information clearly printed on the ID card. (eg. name, employee ID numbers).
2. The printed cards must be durable and ensure that the printing does not fade over time.
3. The printed cards may include additonal security elements to prevent tampering and forgery.
4. The printed cards must have the correct information of the identity encoded onto the chip of the Mifare card.

Entrust and Gallagher Security Integration

Gallagher's Command Centre allows you to streamline cardholder and access management, reliably and efficiently enforcing access rules while supporting your site's policies and processes. By integrating with Gallagher's Command Centre, organisations can "plug and play" Entrust ID printers to personalise an employee badge by printing the employees personal data and encoding a valid digital identity into the chip of the badge, allowing the employee to seamlessly accessto the areas they have a right to.

Benefit of the Solutions:

+ Plug and Play
+ End-to-end access control for identity
+ High-quality printing
+ Customisable security traits
+ Durable card printing
+ Add-on modularised components, as required
+ Secure over-the-network printing and encoding

Gallagher Comand Centre Printer Integrations

Model	Command Centre Version	Customisation/Core	Duplex Printing	Magstripe	MIFARE Classic	MIFARE Plus	DESFire EV1	DESFire EV2	DESFire EV3	Notes
Entrust CD800 (USB)	7.01	Customization	✓	✓	✓	✓	✓	Not yet tested	Not yet tested	Using the SCR-331 Mifare Module Encoder.ini parameters: [XPS Card Printer] Mifare=CD800Mifare.dll Magstripe=CD800Mifare.dll Printer firmware: 2.11.44 Printer driver: version 3.1
	7.10, 7.20	Core	✓	✓	✓	✓	✓	✓	Not yet tested	Using the SCR-331 Mifare Module
	7.30 onwards	Core	✓	✓	✓	✓	✓	✓	Not yet tested	Mifare=CD800SingleWire.dll
Entrust Duplex CD800 Single-wire (Ethernet)	7.10	Customization	✓	✓	✓			Not yet tested	Not yet tested	Printer driver: 4.1.334 or 5.0.372 Printer firmware: D3.14.8-6 Encoder: DE-ABCM Encoder firmware: DE-ABCM_140212_CCID_DC_PCSC
	7.20	Customization	✓	✓	✓		✓	Not yet tested	Not yet tested	Printer driver: 6.1.435.0 Printer firmware: D3.15.3-10 Magstripe=CD800SingleWire.dll Mifare=CD800SingleWire.dll Encoder: DE-ABCM Encoder firmware: DE-ABCM_140212_CCID_DC_PCSC
	7.30 onwards	Core	✓	✓	✓		✓	Not yet tested	Not yet tested	
	7.60 onwards	Core	✓	✓	✓		✓	✓	Not yet tested	W10x64 with driver XPSCardPrinter_7.0.514.0.exe Encoder uses the same software as the printer
	7.80 onwards	Core	✓	✓	✓	✓	✓	✓	Not yet tested	Printer driver: 7.4.673 Printer firmware: D3.17.6.5 Requires Command Centre v7.80.921 Patch CD800SingleWire.dll
	7.90 onwards	Core	✓	✓	✓		✓	✓	Not yet tested	Printer driver: 7.3.644 Printer firmware: D3.17.4-6
	7.90 onwards	Core	✓	✓	✓	✓	✓	✓	Not yet tested	Printer driver: 7.5.709 Printer firmware: D3.18.1
Entrust CR805 Single-wire (Ethernet)	7.70 onwards	Core			✓		✓	✓	Not yet tested	Printer driver: 7.1.528.0 Firmware version: R4.3.1-10
	7.70 onwards	Core			✓				Not yet tested	Printer driver: 7.4.673 Printer firmware: R4.9.4-12
	7.90 onwards	Core	✓		✓	✓	✓	✓	Not yet tested	Printer driver: 7.5.709 Printer firmware: R4.10.1-5018
	8.10 onwards	Core			✓		✓	✓	Not yet tested	Printer driver: 7.5.709 Printer firmware: R4.10.1-5018
	8.20 onwards	Core	✓		✓	✓	✓	✓	Not yet tested	Printer driver: 7.5.709 Printer firmware: R4.10.1-5018
	8.20 onwards	Core	✓		✓		✓	✓	Not yet tested	Printer Driver: 8.1 Printer Firmware: R4.10.3-2
	8.40 onwards	Core	✓		✓		✓	✓	✓	Printer Driver: 8.3 Printer Firmware: R4.10.4.10
Entrust SD360 & SD460 Single-wire (Ethernet)	7.20	Customisation	✓	✓	✓		✓	Not yet tested	Not yet tested	Printer driver: 6.1.435.0 Printer firmware: D3.15.3-10 Magstripe=CD800SingleWire.dll Mifare=CD800SingleWire.dll
	7.30 onwards	Core	✓	✓	✓		✓	✓	Not yet tested	
Entrust SD460 Single-wire (Ethernet)	7.90 onwards	Core	✓	✓	✓	✓	✓	✓	Not yet tested	Printer driver: 7.3.644 Printer firmware: D3.17.4-6
Entrust SD260L Single-wire (Ethernet)	7.30 onwards	Core	✓	✓	✓			Not yet tested	Not yet tested	Printer driver: 4.1.334 or 6.1.435.0 Printer firmware: D3.14.8-6 Encoder: DE-ABCM Encoder firmware: DE-ABCM_140212_CCID_DC_PCSC Using CD800SingleWire.dll from v7.30 core
	7.60 onwards	Core	✓	✓	✓	✓	✓	✓	Not yet tested	Win10x64 with driver XPSCardPrinter_7.0.514.0.exe Encoder uses the same software as the printer
	7.90 onwards	Core	✓		✓		✓	✓	Not yet tested	Printer driver: 7.3.644 Printer firmware: D3.17.4-6
	8.00 onwards	Core	✓		✓		✓	✓	Not yet tested	Printer driver: 7.4.673 Printer firmware: D3.17.5-SP1
Entrust SD360 (USB)	7.01	Customization	✓	✓	✓	✓	✓	Not yet tested	Not yet tested	Using the SCR-331 Mifare Module Encoder.ini parameters: [XPS Card Printer] Mifare=CD800Mifare.dll Magstripe=CD800Mifare.dll
	7.10 onwards	Core	✓	✓	✓	✓	✓	✓	Not yet tested	Using the SCR-331 Mifare Module
Entrust SD360 Single-wire (Ethernet)	7.20	Customization	✓	✓	✓			Not yet tested	Not yet tested	Printer driver: 4.1.334 or 5.0.372 Printer firmware: D3.14.8-6 Encoder: DE-ABCM Encoder firmware: DE-ABCM_140212_CCID_DC_PCSC
	7.60 onwards	Core	✓	✓	✓			✓	Not yet tested	Win10x64 with driver XPSCardPrinter_7.0.514.0.exe Encoder uses the same software as the printer
	7.90 onwards	Core	✓	✓	✓		✓	✓	Not yet tested	Printer driver: 7.3.644 Printer firmware: D3.17.4-6
Entrust Sigma DS3 (Ethernet and USB)	8.30 onwards	Core	✓		✓		✓	✓	✓	Printer driver: Entrust XPS Card Printer 8.3 Printer firmware: D4.2.1-10
	8.50 onwards	Core	✓		✓		✓	✓	✓	Printer driver: Datacard XPS Card Printer 8.2.4.0 Printer firmware: D4.1.4-11 When using the S18 DUALi Upgrade Kit, USB is not supported.