



ENTRUST

**SIGMA DSE PRINTER
PRODUCT ANNOUNCEMENT**

To	Entrust Instant ID Issuance Customers and Authorized Partners
From	Instant ID Issuance Product Management Team
Date	June 2, 2025
Subject	Entrust Sigma DSE Direct-to-card Printer Product Announcement

Introduction

Entrust is pleased to announce the new, streamlined printer built for essential printing needs in the Sigma DSE direct-to-card printer for efficient and low-cost quality printing. This solution leverages the Sigma printer platform while streamlining the construction of the printer to maximize efficiency and reduce costs.

Overview

The Entrust Sigma DSE printer expands on the world-class Sigma direct-to-card printing platform, known for easy use, intuitive smart features and secure card issuance.

The DSE printer provides the security and quality of the Sigma printing platform in an efficient and lower-cost package for affordable direct-to-card ID card printing.

The DSE printer is positioned to the entry-level market for success by offering the quality our customers know and love from the previous offerings in the Sigma line while delivering additional savings – rivaling the quality of entry-level competitor direct-to-card printer alternatives in quality print resolution & print speed - *all at an affordable price.*

Utilizing Sigma dye based direct-to-card printing technology, this new printer provides a new offering for customers seeking to maximize efficiency and affordability.

The DSE printer is of course coupled with the enhanced security that remains a cornerstone of Entrust products with Secure Boot and SSL/TSL encryption as well as enhanced durability options.

The Sigma DSE printer is the result of innovation from decades of experience Entrust brings to direct-to-card desktop printing industry:

- **Easy Out-of-the-box Deployment** – unbox and set up the Sigma DSE printer in less than 10 minutes
- **Low-Friction Maintenance** – with a streamlined design there are less parts to the enclosure and skin to allow for easier servicing
- **Superb Quality**– for essential badging and credentialing needs.
- **Fast Throughput** – up to 185 simplex cards per hour (color) and 750 simplex cards per hour (monochrome)
- **Available June 2025**

Product details

Here is detailed information on products available for this launch:

Sigma DSE Direct-to-Card Printer Options	
Item Number	Description
525304-001	Sigma DSE Printer, Simplex, 100-Card Input Hopper
525304-002	Sigma DSE Printer, Duplex, 100-Card Input Hopper

Upgrade Kits Supported by Sigma DSE:

Sigma DSE Direct-to-Card Printer Upgrade Kits	
Item Number	Description
529346-001	Upgrade Kit, ISO Magnetic Stripe Encoder
529346-002	Upgrade Kit, JIS Magnetic Stripe Encoder
529807-001	Sigma Dust Cover
531234-001	UPGRADE KIT, SIMPLEX SMARTCARD, S14 OMNIKEY, LC
531291-001	UPGRADE KIT, SIMPLEX SMARTCARD, S19 IDENTIV NEXT GEN, LC
531294-001	UPGRADE KIT, SIMPLEX SMARTCARD, S6, 3RD PARTY CONTACT, LC

Requires use of the XPS printer driver version 8.7 or higher.

Consumable details

Entrust offers genuine print ribbons for optimal performance with the Sigma DSE printer. For customer convenience, easy use and versatility, the Sigma DSE printer utilizes a subset of the same print ribbons offered today for the Sigma printer line, which are noted below. Sigma print ribbons not listed, are not supported. This model supports use of the common cleaning and modular consumables available with the Sigma printer line. For full details, reference the Sigma DSE printer datasheet on Partner Central.

Sigma DSE Printer Print Ribbon options:

Item Details	Description	Yield Prints
PANEL PRINT RIBBONS		
525100-001 525100-001-S100	YMCKT Color Panel Print Ribbon	250 images
525100-004 525100-004-S100	YMCKT Color Panel Print Ribbon	500 images
525100-002 525100-002-S100	ymcKT Color Panel Print Ribbon, Short ymc panels	350 images
525100-021 525100-021-S100	YMCKT Color Panel Print Ribbon, PETG Friendly	250 images
525100-005 525100-005-S100	YMCKT-KT Color Panel Print Ribbon	350 images
525100-006 525100-006	ymcKT-KT Color Panel Print Ribbon, Short ymc panels	435 images
MONOCHROME PRINT RIBBONS		
525900-001 525900-001-S100	Black Monochrome Ribbon, Standard	2500 average images
525900-002 525900-002-S100	Black Monochrome Ribbon, Premium	
525900-017	White Monochrome Ribbon, Standard	
525900-004	White Monochrome Ribbon, Premium	

Service Details

Services offered with this product follow existing Sigma DSE printer services currently available. This includes on-call repair and standard depot services. The Sigma DSE printer full product details and technical training are available in Technical **Training course: TE-1283 Sigma Basic and Training course: TE-1284 Sigma Advance**. To request training, please contact the Technical Education department via email ges@entrustdatacard.com.

- Technical documentation is available by referencing Sigma DSE on the Owner's Library documents, Quick Install Guides, and Service Library on TrustedCare.
- Spare parts details are available in the Sigma DSE printer section on TrustedCare.
- Installation details for each Sigma series card printer are now in the Quick Install Guide for a step-by-step easy to follow guide.
- The product specifications for the Sigma Series card printers be found on Partner Central.

Frequently Asked Questions

Q: What card stocks are best suited for printing on the Sigma DSE?

A: The Sigma DSE printer is qualified for use with PVC cards, PVC composite ID1 card with polish surfaces and PETG. Not recommended for use with textured card surfaces. Other card types should be tested.

Q: Does this new printer require the use of an additional supply ribbon set?

A: No, the Sigma DSE printer will accept many of the common ribbons offered for the Sigma printer line. See the Sigma DSE printer datasheet for specific ribbon types.

Q: Does the printer support Entrust software?

A: Yes, the Sigma DSE supports both Instant ID (on premise) and Instant ID as a Service. However, the simplex configuration is USB only and will only work with Instant ID (on premise) software.

Q: Is the printer customizable through the use of the PACT solution?

A: The DSE printer is PACT customizable and PACT partners that currently have access to Sigma DSE customization are auto enabled for PACT customization of this model.

Q: What is the warranty on the Sigma DSE?

A: The Sigma DSE has a 24-month printer and printhead warranty. For more details, please see the Sigma DSE warranty document on [Trusted Care](#).

Contact Information

If you have any questions, please contact your local Entrust Sales or Channel Manager.