

TruCredential Suite Software: ISONAS Sales Training

Dan Sanden – Entrust Datacard
Rob Lydic – ISONAS part of Allegion
Family of Brands

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AGENDA

- Solution Summary
- TruCredential Capabilities
- System Requirements \ Printers Supported
- Sales Tools and Materials
- Order Processes
- Integration Overview
- Demo

Offering Summary

ISONAS & TRUCREDENTIAL – WHY?

- Two Industry Leaders coming together to offer a complete access control and ID issuance solution
- Increase Overall Organizational Security
 - Easily Identify people who should and should not have access to facilities
- Improve Operational Efficiencies
 - Centralized Data and User Management
 - Mobile Data and Capture

TRUE ENTERPRISE SOLUTION FOR SIMPLIFIED ENROLLMENT, ISSUANCE AND DATA MANAGEMENT

PURE ACCESS AND TRUCREDENTIAL PROCESS FLOW



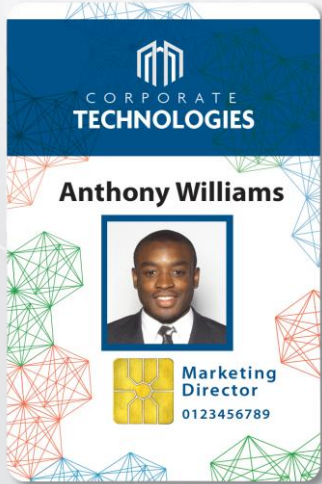
- **Direct Integration via Web Service:** The Pure Access integration with TruCredential allows users to design, issue and manage credentials anywhere, anytime.
- **Supports multiple printer brands:** TruCredential can drive multiple printer brands allowing for flexibility and mixed deployments.
- **Scalable to fit your program:** TruCredential is a flexible badging tool for single to multi-printer deployments allowing any program of any size to take advantage of all of its capabilities
- **Easy to Deploy** and manage over your network install and license on a server, and remotely deploy and manage users and data. This web based software allows users to easily deploy and manage the software across their network or campus.
- **Drag-and-drop design tools:** Easily create new card designs
- **Mobile capabilities:** Capture card holder details and photos from mobile tablets or smart phones

TruCredential Capabilities

TRUCREDENTIAL SOFTWARE SUITE

Web based application to Enroll, Issue and Manage Credentials

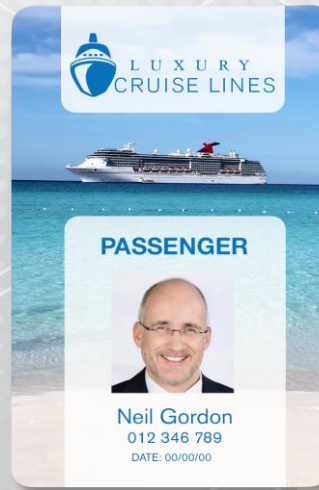
Issue Credentials



CORPORATE



GOVERNMENT



HOSPITALITY



EDUCATION



HEALTHCARE

TRANSIT

Use Credentials



VISUAL IDENTITY



CONTROLLED ACCESS



SECURE TRANSACTION

ISONAS **CUSTOM** TRUCREDENTIAL EDITIONS

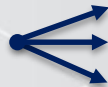
TruCredential Features	EXPRESS	PLUS	PROFESSIONAL	ENTERPRISE
Magnetic stripes & barcodes	*	*	*	*
QR code	*	*	*	*
CSV/ASCII data file import (MS Excel)	*	*	*	*
Multiple data sources	*	*	*	*
Embedded database	*	*	*	*
Import/Export card designs, workflow templates	*	*	*	*
Quick Start Wizard	*	*	*	*
Webcam support	*	*	*	*
Signature capture		*	*	*
Composite field		*	*	*
Advanced Camera Support (including DSLR)		*	*	*
Microsoft Access and SQL Server DB Support		*	*	*
Reporting		*	*	*
Batch Printing		*	*	*
Central user management			*	*
Smart card support			*	*
Mobile enrollment and issuance			*	*
Oracle DB and DB2 support			*	*
Active directory support			*	*
Optical character recognition (OCR) enabled data entry			*	*
Access control integration support				*
Software Development Toolkit				*
TruCredential API Access				*
Web service integration tool				*
Number of concurrent users	1	1	1 to 20	1 to 200
Number of credential designs	10	15	25	Unlimited
Pure Access Integration	*	*	*	*

Key Features

Plus



Professional



Enterprise



TRUCREDENTIAL SOFTWARE KEY CAPABILITIES

DESIGN CREDENTIALS

- QR Code, bar code, magnetic stripe, smartcard
- UV, lamination, emboss

ENROLL DATA

- Text, photo, signature, image
- Camera, signature pad, document scanner

ISSUE CREDENTIALS

- Direct-to-card & retransfer printers, embossers
- Supports third party and Datacard® desktop printers

INTERACT WITH ENTERPRISE SYSTEMS

- **Pre-Built ISONAS Integration (Search: Done, Read Card ID: Roadmap)**
- Access control, Active Directory, SOAP and RESTful Web Services
- Oracle DB, MS-SQL server DB, DB2, MS Access & MS Excel
- SDK available for custom applications
- Custom Process Toolkit

MANAGE DATA AND USERS

- Centralized data and user management
- Control for role-based permissions

TRUCREDENTIAL SOFTWARE FEATURES

QUICK START WIZARD

- Dynamically create workflow steps and field connections from a credential design – Design to Print simplified user experience

PRINTER DASHBOARD

- View printer connection and print job status
- Select printer during issuance
- Cancel/restart print job

EXTERNAL DATA

- Import/export CSV data file
- Use MS-Access, MS-SQL server, DB2, Oracle, REST APIs, or SOAP
- Connect to multiple database tables in field connections

LOCALIZATION

- Pre-built localization resource bundle for Spanish, Portuguese (Brazil), French, German, Japanese, Simplified Chinese
- User Interface-based localization tool with export/import options

SMART CARD

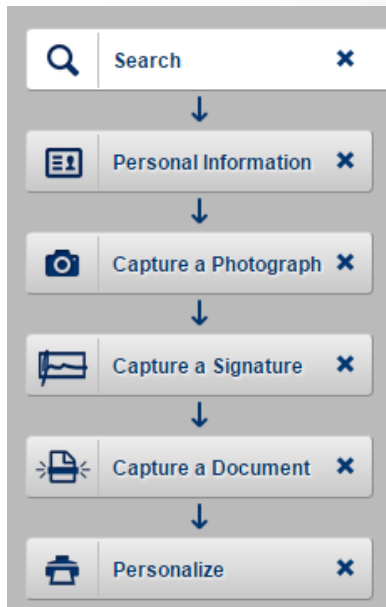
- Out-of-the-box support for Prox, iClass, MiFARE, and Sony FeliCa
- UI configuration tool for Prox data parsing

TRUCREDENTIAL SOFTWARE — OUT-OF-THE-BOX INTEGRATION

Pre-built workflows and out-of-the-box integration (including smart card) eliminate the need for custom development and make setup fast and easy.

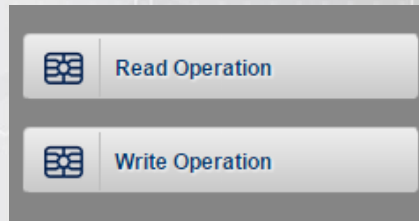
WORKFLOWS

- Pre-built workflows for enrollment, issuance & data management
- Drag-and-drop, configurable workflows



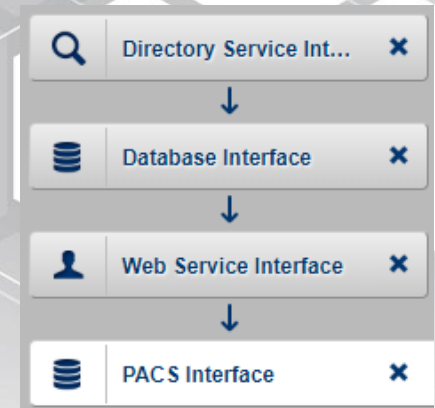
SMARTCARD

- Pre-built smartcard encoding support
- Configure chip data through user interface



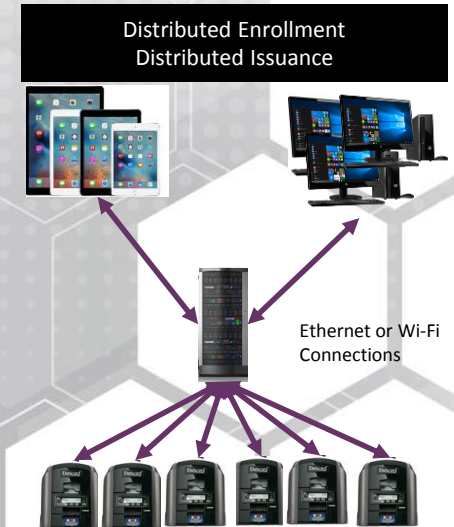
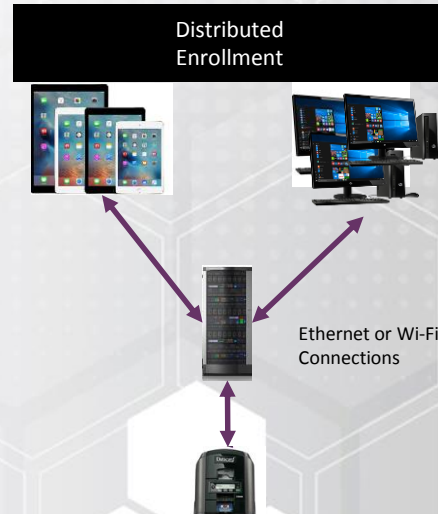
INTEGRATION

- **Pre-built ISONAS integration**
- Centralized data management with high security and scalability



SUPPORT FOR MULTIPLE DEPLOYMENT MODELS

Improve overall customer experience and internal processes

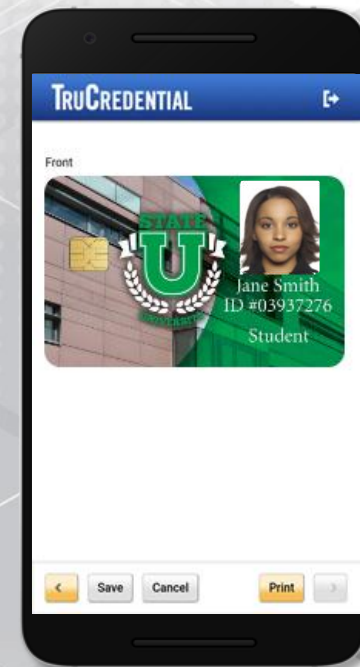
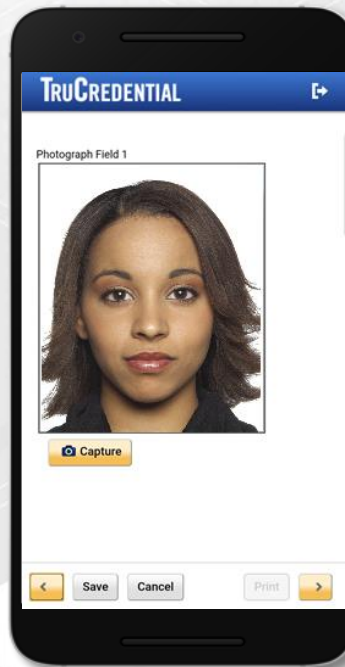
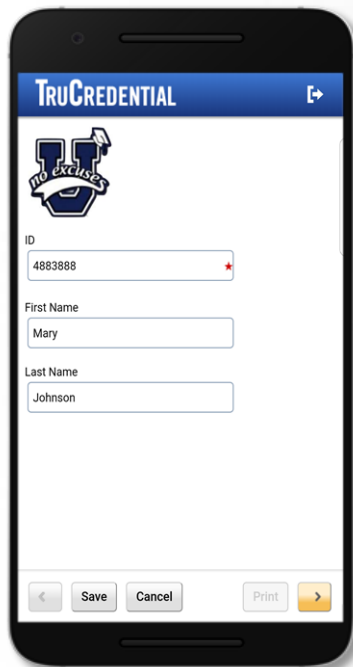


- MiFare Desfire EV1/2 Supported with Ethernet 1-wire connections!
- Distributed enrollment de-couples photo capture and enrollment process from issuance to improve efficiency.
- Single simple installation at server level vs. local PC simplifies IT support
- Install and license on server only (license concurrent users; no dongle)
- Mobility – enroll and issue from anywhere (PC, tablet, phone)
- Scalability (no drivers)

DISTRIBUTED IS THE KEY TO UNLOCKING THE POTENTIAL OF ID PROGRAMS

MOBILE ENROLLMENT, CAPTURE, AND PRINT

TruCredential includes the ability to search, enroll, capture (photograph and signature) and print directly from a mobile device.



- Android and Windows Surface Support, Use Chrome browser for camera
- Mobile device is a client user on the TruCredential network
- No app or installation is required on the mobile device
- Just enter the server URL to access
- Camera and signature capture require an SSL certificate

KEY MESSAGES

- Reliable platform for single installations *and* large, distributed installations
- Improved performance
- Unmatched flexibility and freedom with untethered, mobile enrollment, capture, and print
- ISONAS Integration - Advanced integration and contactless capabilities

Printer Support & System Requirements

TRUCREDENTIAL SUPPORTED DESKTOP PRINTERS

Entrust Datacard Desktop Printers

- Direct-to-Card
 - CD800, CLM
 - SD160, SD260, SD260L, SD360, SD460
 - SP25+, SP35+, SP55+, SP75+, SP80+
 - CE840
- Retransfer Printers
 - CR805, CLM



CR805 with CLM



SD460 with CLM



SD360

Network and USB connections supported

3rd Party Desktop Printers*

- Zebra, Fargo, Matica, Evolis

** Smartcard reading and encoding is not included on third-party printers*

SYSTEM REQUIREMENTS / RECOMMENDATIONS

- Supported Operating Systems
 - Microsoft Windows 7 / 8.1 / 10
 - Microsoft Windows Server 2012 R2
 - Microsoft Windows Server 2016
- Browser
 - Google Chrome v57.0 or later
 - Internet Explorer 11
 - Microsoft Edge
- Screen Resolution: 1360 x 768 (minimum)
- Laptop or desktop:
 - Single-workstation environment: 4GB RAM minimum on a dedicated machine with TruCredential software (8GB RAM recommended)
 - Multiple-workstation environment
 - For the server: 8GB RAM minimum (16GB RAM recommended)
 - For each workstation: 4GB RAM minimum (8GB RAM recommended)
- Mobile
 - TruCredential software supports enrolling applicants, capturing photographs and signatures, and printing cards from mobile devices running the Android operating system or on Windows Surface devices running Windows 8.1 or Windows 10.

TruCredential Roadmap

TRUCREDENTIAL ROADMAP

OCT 2018

TruCredential 7.6

- Field Based Access (enterprise)
- Facial Auto Crop
- International Font\Script Enhancement
- Minor others
 - Buddhist Calendar support
 - Duali retry
- ISONAS User Defined Fields – Searchable\Update
- ISONAS API V1
- ISONAS Token ID vs. User Name and Password for Authentication
- Batch sequence number
- Others

Winter \ Spring
2019

TruCredential 8.0

- User Interface Refresh \ New Name
- One-Wire Support (8.0 or 8.1) – HID Protocols
- Mobile Camera Support w/iOS
- Help Localization
- Install Improvements - Product Key and Security Settings in Installer
- AD Role Support
- Diversified Key Support
- ISONAS – better packaging \ field name templates \ Smart Card ID read back

Green – ISONAS Areas of interest

ISONAS CONFIGURATION SCREEN SHOTS – TOKEN AND API CONFIG

- Utilize the ISONAS API token to add TruCredential to the platform
- Finalize the connection points in TruCredential's Web Services

The screenshot displays the ISONAS configuration interface. The top navigation bar includes the ISONAS logo (PURE IP ACCESS CONTROL), a notification bell, a plus sign, and a user profile icon. The main navigation sidebar on the left contains icons for DASHBOARD, USERS, ACCESS CONTROL, REPORTS, SETTINGS, and ALERTS. The main content area shows a breadcrumb trail: GENERAL SETTINGS > TENANT MANAGER > HELP > IsonasPureIP > API Tokens. Below this, there are tabs for Tenant, Credential, Active Directory, Scheduled Reports, User Defined Fields, and API Tokens. The API Tokens tab is active, showing a table with one entry: TruCredential. A green '+ API Token' button is visible in the top right of the table area.

	Name	Token ID	Read Only	Disabled
<input type="radio"/>	TruCredential	4E4F96B3FB57324A	true	false

ISONAS CONFIGURATION SCREEN SHOTS – TOKEN AND API CONFIG

The screenshot displays the TruCredential web application interface. The main content area is titled "Data Sources" and features a modal window for "Data Source Configuration - Web Service". The modal window contains the following fields and values:

- Name:** Isonas
- Type:** Isonas
- Web Service type:** REST
- URL:** https://isonaspureaccesscloud.com
- Authentication method:** Token
- Token ID:** 857C3E89727D859C
- Token Value:** [Redacted]

A success message at the top of the modal reads: "The connection was successful." Below the configuration fields are three buttons: "Test Configuration", "Save", and "Close".

The background interface shows a sidebar with "Manage Your Settings" options (Application Settings, Authentication, Chip Profiles, Customization Toolkit, Data Sources, Devices, Interfaces, License, Languages, Printing) and a main area with tabs for "Databases", "Directory Services", and "Web Services". The "Data Sources" tab is active, showing a table with columns for "Name" and "Type", and a "Showing 0 - 0 of 0 entries" message.

ISONAS CONFIGURATION – WORKFLOW DESIGN - SOURCE

The screenshot displays the TruCredential Workflow Designer interface. The browser address bar shows the URL `localhost:9800/trucredential/workflow_designer.html?id=33`. The application header includes the TruCredential logo, navigation links for Home and Design, a success message "The workflow was saved.", and user information for 'admin'. The main content area is titled "Isonas Test Credential" and is currently showing the "Properties" tab. A left-hand sidebar contains several configuration categories: General Properties, Data Sources (selected), Search Configuration, Manage Customer Records, and Event Configuration. The "Data Sources" section is active, showing two tabs: "Source" and "Target". The "Source" tab is selected, revealing the following configuration fields:

- Data source type:** Web Service (dropdown)
- Web Service:** Isonas (dropdown)
- Search URL:** `https://qae2.isonas.com/api/` / `users` (text input)
- Verb:** GET (dropdown)
- Same as Search
- Read URL:** `https://qae2.isonas.com/api/` / `user/{id}` (text input)
- Verb:** GET (dropdown)

At the bottom of the interface, there are buttons for "Save", "Save As...", and "Close". The Windows taskbar at the very bottom shows the system tray with the time 1:22 PM and date 10/15/2018.

ISONAS CONFIGURATION – WORKFLOW DESIGN - TARGET

The screenshot displays the TruCredential Workflow Designer interface. The browser address bar shows the URL `localhost:9800/trucredential/workflow_designer.html?id=33`. The application header includes the TruCredential logo, navigation links for 'Home' and 'Design', a notification 'The workflow was saved.', and user information 'admin'. The main content area is titled 'Isonas Test Credential' and 'Properties', with a sidebar on the left containing menu items: 'General Properties', 'Data Sources', 'Search Configuration', 'Manage Customer Records', and 'Event Configuration'. The 'Data Sources' section is active, showing a configuration for a 'Target' data source. The configuration includes a 'Data source type' dropdown set to 'Web Service', a 'Web Service' dropdown set to 'Isonas', a 'Write URL' field containing `https://qae2.isonas.com/api/ / user/{id}`, and a 'Verb' dropdown set to 'PUT'. At the bottom of the application, there are 'Save', 'Save As...', and 'Close' buttons. The Windows taskbar at the bottom shows the system tray with the time '1:23 PM' and date '10/15/2018'.

ISONAS CONFIGURATION – FIELD CONNECTIONS - INPUT

The screenshot displays the TruCredential Field Connections configuration interface. The interface is divided into several sections:

- Navigation and Settings:** Includes a top navigation bar with "Home" and "Design" menus. Below it, the "Field Connections" section contains dropdown menus for "Source", "Input Parameters", "Workflows" (set to "Isonas Test Credential"), "Steps" (set to "All Steps"), and "Credential Designs" (set to "Isonas Test Credential"). There are "Add" and "Remove" buttons.
- Field Mapping:** A central area shows a mapping between source fields and target fields. The source fields are "firstName", "id", "image", and "lastName". The target fields are "Emp Title", "Express ID", "Express Photograph", "First Name", and "Last Name". Lines connect "firstName" to "First Name", "id" to "Express ID", "image" to "Express Photograph", and "lastName" to "Last Name". The "Emp Title" field is highlighted in blue.
- Control Buttons:** At the bottom of the mapping area, there are "Disconnect All", "Connect", "Disconnect", and "Disconnect All" buttons.
- Property Panels:** Below the mapping area, there are three panels: "Data Source field Properties", "Workflow Step field Properties" (showing "Emp Title" and "Isonas Test Credential -> WorkflowStepBlank -> Emp Title"), and "Credential field Properties".
- System Information:** The bottom status bar shows the time as 1:59 PM on 10/15/2018.

ISONAS CONFIGURATION – FIELD CONNECTIONS - OUTPUT

The screenshot displays the TruCredential Field Connections configuration page. At the top, the browser address bar shows the URL `localhost:9800/trucredential/field_connections.html`. The page header includes the TruCredential logo, navigation links for Home and Design, and user information for 'admin'. The main section is titled 'Field Connections' and contains several configuration options: 'Source' (dropdown), 'Output Parameters' (dropdown), 'Add' and 'Remove' buttons, 'Workflows' (dropdown set to 'Isonas Test Credential'), 'Steps' (dropdown set to 'All Steps'), and 'Credential Designs' (dropdown set to 'Isonas Test Credential').

The central workspace shows a diagram of field connections. On the left, under 'Data Source field Properties', are fields: `firstName`, `id`, `image`, and `lastName`. In the middle, under 'Workflow Step field Properties', are fields: `Emp Title` (highlighted in blue), `Express ID`, `Express Photograph`, `First Name`, `Last Name`, and `Quick Start Primary Key`. On the right, under 'Credential field Properties', are fields: `Emp Title`, `Express ID`, `Express Photograph`, `First Name`, and `Last Name`. Lines connect the source fields to the workflow step fields, and the workflow step fields to the credential fields. Specifically, `firstName` connects to `First Name`, `id` connects to `Express ID`, `image` connects to `Express Photograph`, and `lastName` connects to `Last Name`. The `Emp Title` workflow step field is also connected to the `Emp Title` credential field.

At the bottom of the workspace, there are three buttons: 'Disconnect All', 'Connect', and 'Disconnect'. Below the workspace, there are three property panels: 'Data Source field Properties' (showing `Fname` with data type `string`), 'Workflow Step field Properties' (showing `Emp Title` with path `Isonas Test Credential -> WorkflowStepBlank -> Emp Title`), and 'Credential field Properties' (empty). A 'Connection display options' dropdown is set to 'Display All Fields'.

The Windows taskbar at the bottom shows the system clock as 1:17 PM on 10/15/2018.

Sales Tools

SALES \ MARKETING RESOURCES

Marketing Resources:

- [Marketing Brochure](#)
- [Product Announcement](#)
- [ISONAS Certified Integration Training](#)
- [ISONAS Technical FAQ's](#)
- [Wiring Diagrams](#)
- [Integrations and Applications](#)

Contact at Sales@ISONAS.com



Pricing, Order to Installation Processes

ORDER PROCESS

Step 1: Select an Edition

Item Number	Description	Quantity (users)	MSRP
DTC-Express	Entrust Datacard TruCredential Express License Integration	1	\$550
DTC-Plus	Entrust Datacard TruCredential Plus License Integration	1	\$1300
DTC-Prof	Entrust Datacard TruCredential Professional License Integration	1	\$2,850
DTC-Prof-2 to 4-Users	Professional License additional users(requires base license, price is per user)*	2 to 4	\$2,150
DTC-Prof-5 to 9-Users	Professional License additional users(requires base license, price is per user)*	5 to 9	\$2,000
DTC-Prof-10 to 20-Users	Professional License additional users(requires base license, price is per user)*	10 to 20	\$1,900
DTC-Enterprise	Entrust Datacard TruCredential Enterprise License Integration	1	\$3,900
DTC-Enterprise-2 to 4-Users	Enterprise License additional users (requires base license, price is per user)*	2 to 4	\$2,500
DTC-Enterprise-5 to 9-Users	Enterprise License additional users (requires base license, price is per user)*	5 to 9	\$2,300
DTC-Enterprise-10 to 19-Users	Enterprise License additional users (requires base license, price is per user)*	10 to 19	\$2,150

ORDER PROCESS

Step 2: Add SMA (Required)

Item Number	Description	MSRP
DTC-SMA-Express	Standard 1 YR SMA TruCredential w/ Pure Access Integration	\$110.00
DTC-SMA-Plus	Standard 1 YR SMA TruCredential w/ Pure Access Integration	\$260.00
DTC-SMA-Prof	Standard 1 YR SMA TruCredential w/ Pure Access Integration	\$570.00
DTC-SMA-Prof-Users	Standard 1 YR SMA TruCredential w/ Pure Access Integration	20% of MSRP
DTC-SMA-Enterprise	Standard 1 YR SMA TruCredential w/ Pure Access Integration	\$780
DTC-SMA-Enterprise-Users	Standard 1 YR SMA TruCredential w/ Pure Access Integration	20% of MSRP

ORDER EXAMPLES

Example 1:

Item Number	Description	Quantity (users)	MSRP
DTC-Express	Entrust Datacard TruCredential Express License Integration	1	\$550.00
DTC-SMA-Express	Standard 1 YR SMA TruCredential w/ Pure Access Integration	1	\$110.00

Example 2:

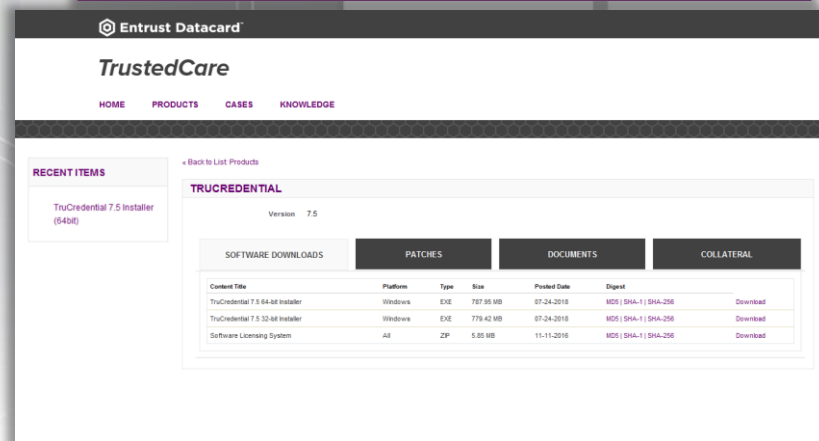
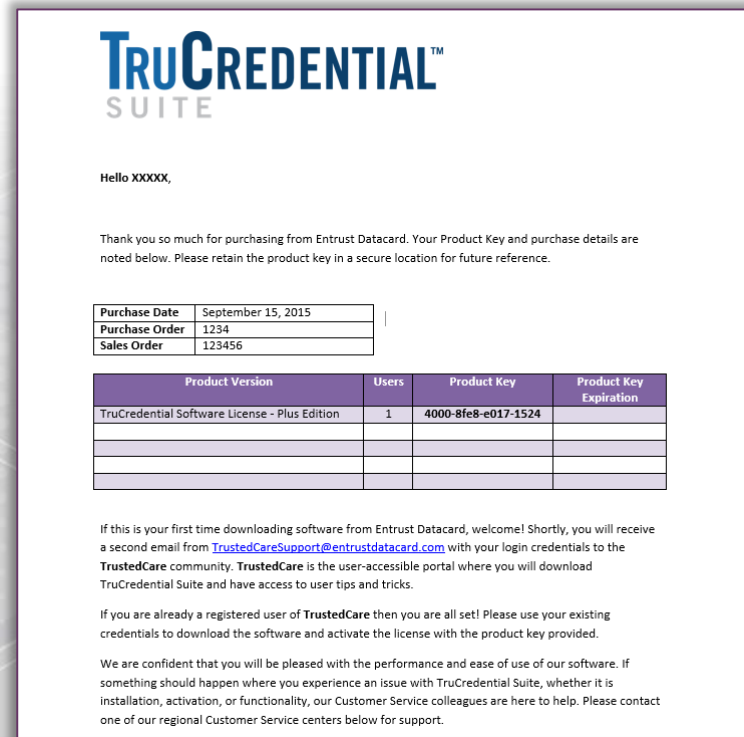
Item Number	Description	Quantity (users)	MSRP
DTC-Prof	Entrust Datacard TruCredential Professional License Integration	1	\$2,850
DTC-Prof-2 to 4 - Users	Professional License additional users	2	\$4,300
DTC-SMA-Prof-Users	Standard 1 YR SMA TruCredential w/ Pure Access Integration	1	\$1,430 <small>(20% * \$7,150 = \$1,430)</small>

SOFTWARE DELIVERY

For every order of TruCredential software, the ship-to contact on the purchase order will receive access to the installer and software documentation electronically via the TrustedCare portal. Shortly after the order is placed, the email address provided on the order will receive an email with the product key and a welcome email from TrustedCare (note that these emails will be delivered within 48 hours of the order being placed). The contact will be provided with instructions on how to access the portal and how to download the software. The contact will have the ability to download their software after the order is booked and all applicable holds are released.

If required, customers can order a DVD for a small fee.

Evaluation Software: End customers and installation technicians can download TruCredential evaluation software from entrustdatacard.com. The evaluation software does not require a product key and is valid for 90 days. Note: The installer for the evaluation software is the same as the installer available on TrustedCare. Use this link to download [TruCredential Evaluation Software](#) from entrustdatacard.com.



ENTRUST DATACARD PRINTER SALES THROUGH THE FOLLOWING DISTRIBUTION CHANNELS

ScanSource Networking & Security

Jen Skelton, Vendor Business Mgr.

864-286-4452 (D)

www.scansourcesecurity.com

jen.skelton@scansource.com

BlueStar US

Stephanie Sebastyn, Business Acct Mgr.

859-371-4423 (D)

www.bluestarinc.com

ssebastyn@bluestarinc.com

ID Connection

Justin Martin, Dir of Distribution

952-294-1200 X 224 (O) | 763-807-9900 (M)

www.idconnection.com

Justin_martin@idconnection.com

Digital Supply International

Candy Williams, Operations Manager

866-988-4545 (TF) | 920-686-7066 (M)

www.digitalsupplyintl.com

CandyW@digitalsupplyintl.com

TruCredential \ ISONAS Integration Components

RESOURCES

Support/Set Up:

- [How to Integrate ISONAS and TruCredential](#)
- [Integration Set up Video](#)
- [TruCredential Software Training](#)
- Video coming soon with updated 7.6 video components

Demonstration



Thank you!

REV051716