

eDS – ecom Digital Products and Services

An overview of used technologies and articles



Your automation, our passion.

eDS ecom Digital Products and Services— A complement to our Mobile Computing and Communication Solutions

ecom's Digital Products and Services offer a portfolio of constantly growing product solutions, services and tools to serve our customers according to their requirements. The following provides an overview of our current offering.

Products include our well-known Lone Worker Protection App **eSENTINEL** (previously Red Button App) and **eBARCODE** (previously CamScan Keyboard App) which are available in **Essential and Premium** versions with additional Honeywell HSM decoder that provides fast and reliable decoding of most 1-D and 2-D barcodes as well as NFC/HF RFID tags.

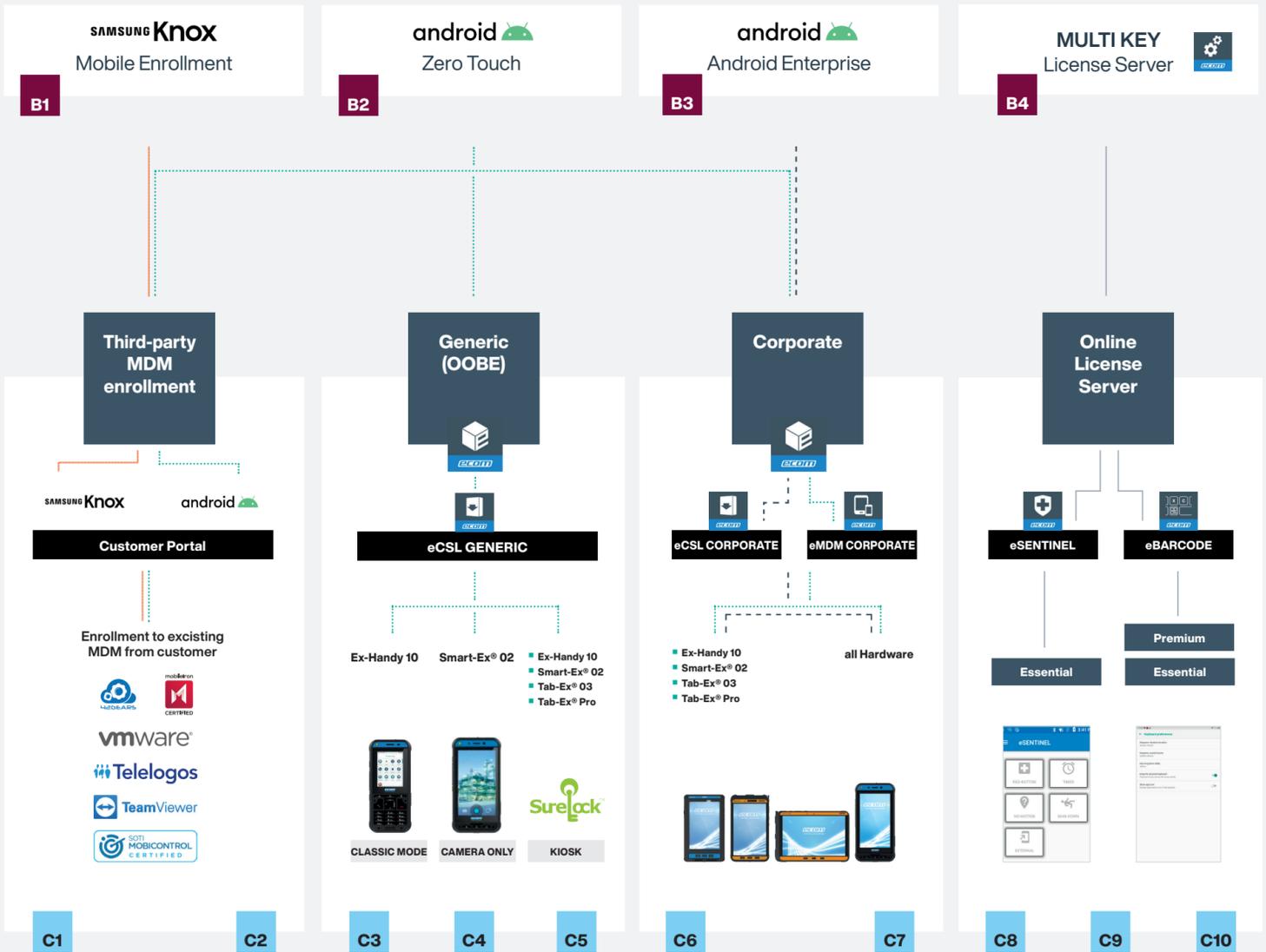
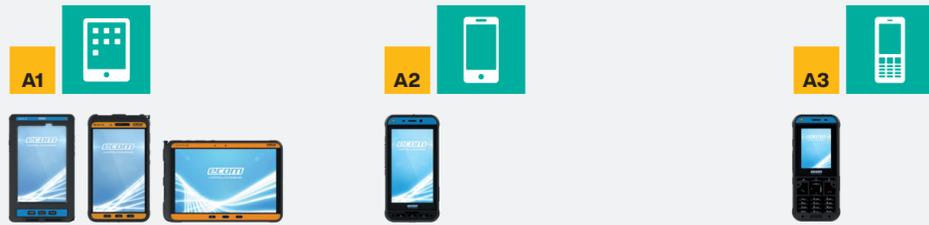
Products are no longer IMEI-based (due to the changes that come with Android™ 11) and are therefore from now on only available as Multi License Keys, which allow the use on different devices (not simultaneously).

Multiple license keys can be managed via the eDS Portal, but can also be managed „offline“ via the Check-In function within the app. Services support customers in many ways. From staging devices in ecom production to offering an out-of-the-box experience (OOBE) with our eCSL corporate by enrolling the devices into an existing MDM/EMM system (Android Zero Touch (AZT) and Knox Mobile Enrollment (KME)) to a fully functional MDM/EMM system using our eMDM. In the area of eCSL, we distinguish between generic, meaning publicly available eCSLs, and corporate eCSLs.

Public eCSLs are CLASSIC MODE (previously Phone Only Mode and only available for the Ex-Handy 10), Camera Only Mode (only available for the Smart-Ex® 02) and Kiosk (previously SureLock license), which consists of a selectable Android device from our portfolio and the SureLock license.

Corporate eCSLs work in a familiar way. Customers inform ecom of the configuration with which their devices arrive at their site. Application engineering creates a staging file (calculable implementation service/fee) and a custom part number that consists of the hardware and the corporate eCSL. The final part number price includes the cost of the device and a handling fee for staging during the production process.

In case of a **third-party** enrollment service to AZT/KME, the customer must provide us with their portal customer ID. A small fee will be charged in addition to the hardware costs (separate number).



Devices

- (A1)**
 - All Samsung devices
 - KNOX services enabled or running Android™ +9
- (A2)**
 - All ecom devices with Android +9 and separately certified for Android Zero Touch and AER
- (A3)**
 - All dedicated devices for industrial use
 - Android Enterprise or „Android for Work“ certified

Services

(B1) KME - Knox Mobile Enrollment
As a certified reseller, ecom device information is uploaded into customer's Knox Portal. The end user administrator assigns profiles to the devices to be properly enrolled in the MDM or EMM. More info about Knox services at <https://www.samsungknox.com>.

(B2) AZT - Android Zero Touch
Google's AZT portal allows customers to automatically enroll their Android devices into their existing MDM or EMM solution at first boot. As a certified AZT reseller, ecom can upload devices as a service. More info at <https://developers.google.com/zerotouch/>

(B3) AE - Android Enterprise
Android Enterprise is a Google-led initiative to enable the use of Android devices and apps in the workplace. The program offers APIs and other tools for developers to integrate support for Android into their enterprise mobility management (EMM) solutions. More info at <https://developers.google.com/android/work/overview>

(B4) OLS - Online License Server
All ecom apps use an online licensing method to authenticate a digital device.

Product and Articles

Third-Party MDM Enrollment
For both services, ecom requires the individual ID number of the customer from one of the portals mentioned below. With this number, ecom can automatically upload devices to the customer accounts. Depending on the configuration, the customer can assign a default profile for the devices uploaded by ecom.

(C1) Knox Mobile Enrollment
If the customer is interested, please ask for their individual 10-digits Knox ID. This ID is part of the ecom article number.

(C2) Android Zero Touch
If a customer is interested, please ask for their individual 10-digit AZT customer ID. This ID is part of the ecom article number.

eCSL GENERIC
With eCSL GENERIC, ecom enrolls devices into ecom's digital solution portal eDS PORTAL. This provides a basic backend infrastructure. Once enrolled, the device picks an assigned configuration as a preloaded setup. These configurations are predefined and cannot be changed.

(C3) H10 CLASSIC MODE
A preconfigured profile named CLASSIC MODE for the Ex-Handy 10, which restricts the Android functions so that the user only has access to relevant functions.

(C4) S02 CAMERA ONLY Mode
A preconfigured profile for the Smart-Ex 02 to use as a digital camera only.

(C5) All Devices KIOSK Mode
In KIOSK Mode, the well-known SureLock app is installed, which replaces the standard Android launcher. The customer can specify which apps are accessible to their employees. It is useful for a small number of configured devices.

(C6) eCSL CORPORATE
A simple staging solution to customize devices before delivery or system startup. No further connection between eDS PORTAL and device is established, and the devices work only in one direction. It is useful for a larger number of devices that are delivered with the same configuration and do not need to be reconfigured.

(C7) eMDM CORPORATE
For all advanced customers who manage, configure and maintain all their devices in one place 24/7. This is a standard EMM solution that works perfectly with ecom's mobile devices.

Online License Server
ecom offers the possibility to license devices independent from other online portals. The apps are linked to our license server and can assign the digital license. For devices with Android 9+, or non-ecom devices, a so called Multi License key can be used on as many devices as purchased. Internet access is required to assign a license.

(C8) eSENTINEL Essential
A tool for protecting lone workers. eSENTINEL is designed to help operators incorporate basic safety measures into their daily work. It is the ideal tool for lone workers or higher risk tasks.

eBARCODE
The eBARCODE with integrated barcode scanner and NFC functionalities allows you to scan anywhere you can type. This keyboard scans and enters barcodes and NFC data directly into input fields of any app. Supports portrait and landscape scanning and batch mode.

(C9) eBARCODE Essential
Supports keyboard, ZXing, and NFC scanner

(C10) eBARCODE Premium
Supports keyboard, HSM, ZXing, and NFC scanner

	C1	C2	C3	C4	C5	C6		C7	C8	C9	C10
	Third-Party Enrollment service KNOX	Third-Party Enrollment service AZT	eCSL GENERIC - CLASSIC MODE	eCSL GENERIC - CAMERA ONLY	eCSL GENERIC - KIOSK	eCSL CORPORATE	eCSL CORPORATE implementation	eMDM CORPORATE	eSENTINEL Essential	eBARCODE Essential	eBARCODE Premium
	Service fee for uploading device information to customer's AZT portal for use in existing MDM. ecom is a certified reseller.		Bundle: hardware + eCSL CLASSIC (previously „Phone Only“)	Bundle: hardware + eCSL CAMERA ONLY	Bundle: hardware + eCSL KIOSK (previously "SureLock license")	Contact Tech team for staging service per unit, OOB, in combination with hardware, or for new orders and configuration	One-time service fee	(Standard MDM use, no bundle, third-party hardware supported)	Multi License key	Multi License key, for ZXing decoder	Multi License key, for ZXING and Honeywell HSM decoder
eDS PORTAL login required				no				yes	optional to view licenses		
One-time payment (life time)				yes				no	yes		
Monthly subscription model, depending on the number of devices				no				yes	no		
Ex-Handy 10 Series	not available	XSP3-070-002R	Ex-Handy 10*CM*	Ex-Handy 10*CO*	Ex-Handy 10*SL*	customized bundle incl. hardware	XSP3-070-001R	XSP3-070-012R	XSP3-070-203R	XSP3-070-201R	XSP3-070-202R
Smart-Ex® 02 Series	not available	XSP3-070-002R	Smart-Ex 02*CM*	Smart-Ex 02*CO*	Smart-Ex 02*SL*	customized bundle incl. hardware	XSP3-070-001R	XSP3-070-012R	XSP3-070-203R	XSP3-070-201R	XSP3-070-202R
Tab-Ex® 03 Series	XSP3-070-003R	XSP3-070-002R	not available	not available	TAB-Ex 03*SLC*	customized bundle incl. hardware	XSP3-070-001R	XSP3-070-012R	XSP3-070-203R	XSP3-070-201R	XSP3-070-202R
Tab-Ex® Pro Series	XSP3-070-003R	XSP3-070-002R	not available	not available	TAB-Ex PRO*SL*	customized bundle incl. hardware	XSP3-070-001R	XSP3-070-012R	XSP3-070-203R	XSP3-070-201R	XSP3-070-202R
QR Code	public on ecom FAQ	public on ecom FAQ	public on ecom FAQ	public on ecom FAQ	public on ecom FAQ	public on ecom website		public on ecom website	public on ecom website	public on ecom website	public on ecom website

Your automation, our passion.

Explosion Protection

- Intrinsic Safety Barriers
- Signal Conditioners
- FieldConnex® Fieldbus Infrastructure
- Remote I/O Systems
- Electrical Explosion Protection Equipment
- Purge and Pressurization Systems
- HMI Systems
- Mobile Computing and Communications
- HART Interface Solutions
- Surge Protection
- Wireless Solutions
- Level Measurement

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- Vibration Monitoring
- Industrial Ethernet
- AS-Interface
- IO-Link
- Identification Systems
- Displays and Signal Processing
- Connectivity

www.pepperl-fuchs.com

Subject to modifications • © Pepperl+Fuchs
Printed in Germany • Part. No. 70154413 06/22 00 • public



Pepperl+Fuchs Quality

Download our latest policy here:

www.pepperl-fuchs.com/quality