eDS – ecom Digital Products and Services

An overview of used technologies and articles



Your automation, our passion.

PEPPERL+FUCHS

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), **eBARCODE-ML** (Advanced Barcode Scanning Solution), and **eBARCODE** (previously CamScan Keyboard App).
eBARCODE is available in both **Essential and Premium** versions, with the Premium version including the Honeywell HSM decoder for fast and reliable decoding of most 1-D and 2-D barcodes as well as NFC/HF RFID tags.

Licenses 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 as many devices as purchased. One Multi License key covers the total quantity of licenses ordered and can be increased if additional licenses are ordered.

Multiple license keys can be managed centrally via the eDS Portal or locally using the Check-In function within the app.
Our services support customers in many ways:

- Staging devices during ecom production
- Providing an Out-of-Box Experience (OOBE) by enrolling devices into existing MDM/EMM systems (e.g. Android Zero Touch (AZT) or Knox Mobile Enrollment (KME))
- Delivering a fully functional MDM/EMM solution with our eMDM offering

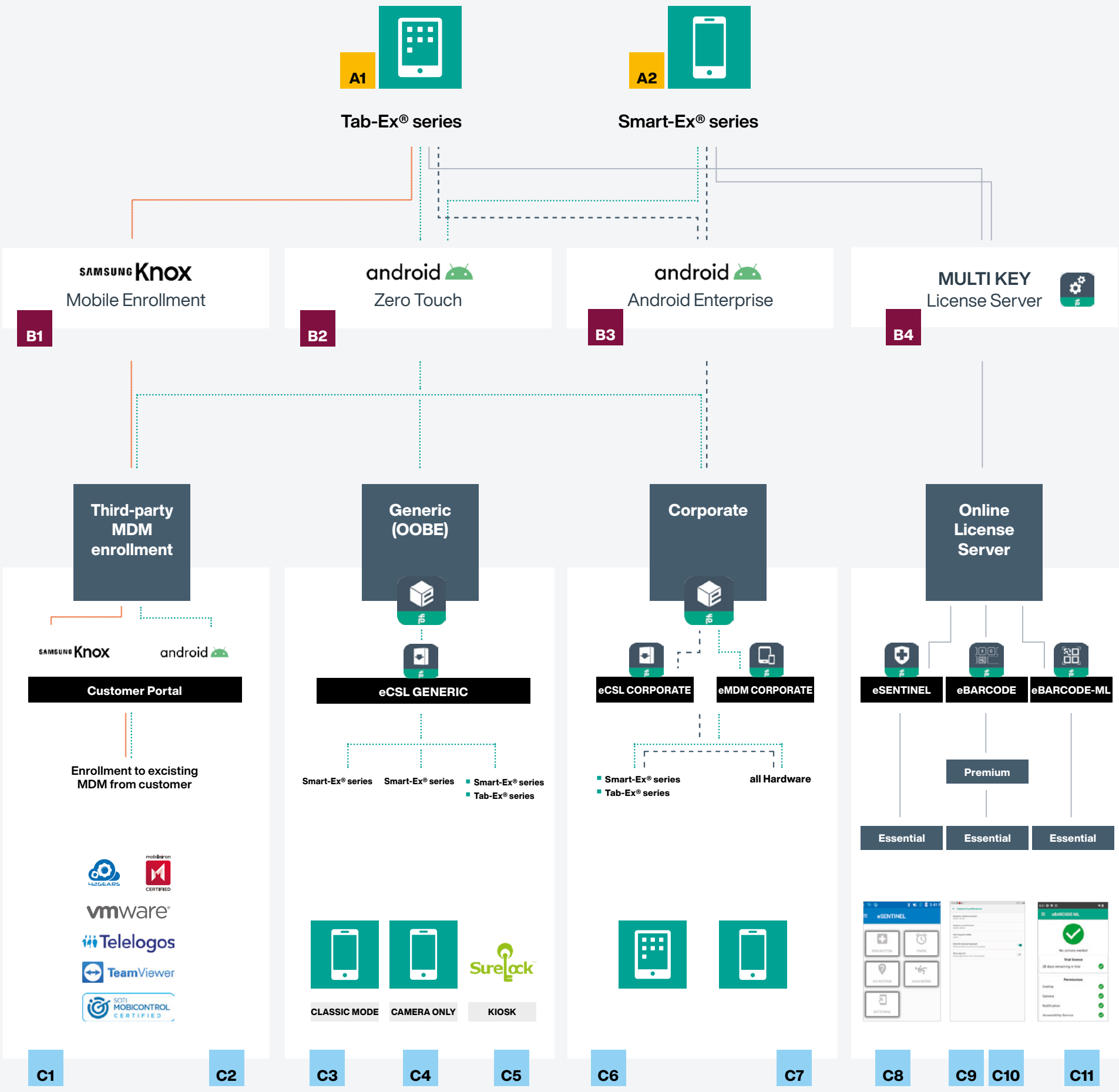
In the area of eCSL (Custom Service Load)
We distinguish between:

- Generic eCSLs – publicly available
- Corporate eCSLs – customized for enterprise environments

Public eCSLs are Smart-Ex® CLASSIC MODE (previously Phone Only Mode), Smart-Ex® Camera Only Mode 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. Global Technical Support (GTS) Team 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 part number).



Devices

(A1)
- All Samsung devices
- KNOX services enabled or Android Enterprise Recommended (AER)

(A2)
- All ecom devices
- All dedicated devices for industrial use which are AER

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 his 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) SMART-EX CLASSIC MODE
A preconfigured profile named CLASSIC MODE for the Smart-Ex, which restricts the Android functions so that the user only has access to relevant functions.

(C4) SMART-EX CAMERA ONLY Mode
A preconfigured profile for the Smart-Ex 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. A so called Multi License key can be used on as many devices as purchased. Internet access is required to assign a license.
One Multi License key covers the total quantity of licenses ordered. If more licenses are required, the limit of the existing key can be increased to cover the number of additional licenses ordered.

(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

(C11) eBARCODE-ML Essential
Supports keyboard, ZXing, and NFC scanner

	C1	C2	C3	C4	C5	C6		C7	C8	C9	C10	C11
	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 service**	**eMDM CORPORATE**	**eSENTINEL Essential**	**eBARCODE Essential**	**eBARCODE Premium**	**eBARCODE-ML Essential**
	Service fee for uploading device 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")	Get in touch with our Tech Team (GTS) for staging, hardware setup, and a seamless out-of-box experience (OOBE) with your new devices.	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	Multi License key, for ZXing decoder
eDS PORTAL login required	no							yes	optional to view licenses			
One-time payment (lifetime)	yes							no	yes			
Monthly subscription model (price per device)	no							yes	no			
Smart-Ex® series	not available	XSP3-070-002R	Smart-Ex ***CLM***	Smart-Ex ***COM***	Smart-Ex ***SLC***	customized bundle incl. hardware	XSP3-070-001R	XSP3-070-012R	XSP3-070-203R	XSP3-070-201R	XSP3-070-202R	XSP3-070-205R
Tab-Ex® series	XSP3-070-003R	XSP3-070-002R	not available	not available	Tab-Ex ***SLC***	customized bundle incl. hardware	XSP3-070-001R	XSP3-070-012R	XSP3-070-203R	XSP3-070-201R	XSP3-070-202R	XSP3-070-205R
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	public on ecom website

Your automation, our passion.

- Industrial Sensors
- Industrial Communication and Interfaces
- Enterprise Mobility
- Hazardous Area Products and Solutions

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