

# PAE Business API Integration to Evatic

***PA @ business***



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## 1 Introduction

Information such as meter readings, consumable and toner levels are collected daily from each registered device. The information is collated by Dealer and customer and loaded into a PAE central data repository. The PAE central repository is refreshed daily between 05:00 and 06:00.

Connection to Evatic is through third party integration to enable external systems to integrate with Evatic applications. This must be set up by the customer on Evatic Service Hub (ESH). The Evatic application will make a unique system Id (ExternalSystemGuid), which will track the data into the Evatic Service.

The following needs to be passed back to PAE to transmit data. These are:

- ExternalSystemGuid
- End point URL (<https://trd-evdemo-08.asolvi.net/esh/M2M.svc?wsdl>)

The two Evatic functions required for sending third party data are:

- SaveDevicesWithMinimumData
- SaveMeterAndConsumablesReadings

PAE have created a web service that allow various data items to be pushed to the Evatic Service Hub

## 2 Web Service Functions

### 2.1 SaveDevicesWithMinimumData

The following data is pushed to the Evatic API within this function.

Field Name	Sample Content	Data Type	Mandatory
Device ID	6935721	Numeric	Y
IP Address	176.211.10.37	Text	N
Mac Address	A1-43-3F-24-66-01	Text	N
Serial Number	3911232135	Text	N
Model Name	Color C60	Text	N
LastScanDateLocalized	16/01/2020	Date	N

### 2.2 SaveMeterAndConsumablesReadings

The following data is pushed to the Evatic API within this function.

#### 2.2.1 Meter Readings

Field Name	Sample Content	Data Type	Mandatory
Device ID	6935721	Numeric	Y
LastScanDateLocalized	16/01/2020	Date	N
LifeCount	47144	Numeric	N
LifeCountColor	37669	Numeric	N
LifeCountMono	9214	Numeric	N
ScanCount	550	Numeric	N

#### 2.2.2 Toner Levels

Field Name	Sample Content	Data Type	Mandatory
DeviceID	6935721	Numeric	Y
ConsumableColorantType	Black	Text	N
ConsumableLevel	68	Numeric	N
ConsumableName	Svart toner	Text	N
LastUpdatedAt	16/01/2020	Date	N

### **3 PAE Checklist**

#### **3.1 PAE**

- Devices are registered on IDM
- Dealer IDM Report and machine alerts are set up and processed to send to central mailbox
- Evatic Service Hub ready to receive PAE data with appropriate levels of access

#### **3.2 Central Repository Checklist (DWH)**

- Dealer report is processing daily into the PAE central data repository
- Creation of new web service for specified Dealer with appropriate Evatic Service Reference
- Ensure procedures proc\_Evatic\_Devices, proc\_Evatic\_Meters and proc\_Evatic\_Toners display correct data
- Build and deploy web service
- Update Evatic SSIS Package to execute new web service
- Build and deploy SSIS package



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