*SMART*till® Solution

*SMART*till® Connect Product Overview

*SMART*till® Connect is a middleware application that facilitates communications between the POS application and the *SMART*till® Intelligent Cash Drawer. It is designed to eliminate the need for an embedded POS integration, whether for a proof of concept pilot or complete roll out and installation of the *SMART*till® Intelligent Cash Drawer into live retail environments.

*SMART*till® Connect is installed on a POS system utilizing a Windows operating system and validates the established *SMART*till® Solution KPIs without the added time and expense of a complete integration. The application captures identified POS cash transactional data and transmits that information to the *SMART*till® Intelligent Cash Drawer. *SMART*till® Connect enables the communication of POS transaction data without any modification to the POS software.

Existing POS Software	*SMART*till® Connect *(middleware)*	*SMART*till® Solution *(hardware)*

*SMART*till® Connect Components

SMARTtill® Connect Screen Engine

SMARTtill® Connect Windows Driver

SMARTtill® Connect Controller Interface

*SMART*till® Connect Components Overview

*SMART*till® Connect Screen Engine

The *SMART*till® Connect Screen Engine contains components that enable the identification and capture of text information using Optical Character Recognition functionality.

The Trigger Component is used to identify an area of the screen to be used to start the data capture. Action in the defined area will begin the data capture sequence.

The Verifier Component is used to ensure that the proper screen is displayed that contains the data of interest prior to capture.

The Data Capture Component identifies areas on the screen that contain the data to be captured, and what program variable to use to store the captured data.

Once all of the triggers, verifiers and data capture elements have been defined, they are all stored in a configuration package. The configuration package can then be installed on other POS systems of the same configuration to replicate the *SMART*till® Connect communication across multiple platforms without redefinition.

*SMART*till® Windows Driver

*SMART*till® Windows drivers are available to control the bi-directional data communication between *SMART*till® Connect and the *SMART*till® Intelligent Cash Drawer. The Windows driver can also be used to communicate with the CurrentSee® Enterprise, a cloud-based back office reporting system.

*SMART*till® Controller Interface

The *SMART*till® Controller Interface provides menu access to functionality related to the *SMART*till® Solution operation maintenance and cash movements, but unrelated to POS transactions. Operations like removing extra accumulated cash or adding change is covered by these operations. Periodic maintenance operations to zero the scales are also included.

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