SLS® VIEW

Software Suite

Make Every Opportunity Visible with SLS® VIEW

The importance of supply chain visibility has never been more important and more necessary. SLS® VIEW is the foundation for giving companies this visibility to all tagged enterprise assets – equipment, supplies, even people. This platform is extremely intuitive and robust, allowing for better business decisions to be made based on acquired data throughout an organization's supply chain. From receiving to shipping and everything in between, SLS®VIEW will give your enterprise the visibility it needs into day-to-day movement of your assets.

SLS® Software Portfolio

SLSVIEW Capture
Automated Asset Collection

SLSVIEW Cloud
Asset Tracking

SLSVIEW Mobile
Asset Management

SLSVIEW Hub
Information Sharing

SLSVIEW M-Series
Inventory Managment

SLSVIEW T-Series
Order Fulfillment

SLSVIEW D-Series
Shipping Control and Receiving

SLSVIEW Capture

• Automate data capture and collection

• Manage tag read reliability within the process flow

• Encapsulate tag read collections into a single read event

• Alarm operators of invalid read events

• Alert operators of work center health and readiness

• Store read events in case of loss of network

SLSVIEW Cloud

• Print, encode, and enroll RFID tags

• Collect tag read events from all SLSVIEW Capture on fixed readers

• Collect asset events from all SLSVIEW Mobile work centers

• Decode information for

• Owning Company

• Item Type

• Electronic Product Code (EPC) serialized identifier

• Associate tags to familiar business items and descriptions

• Record the history of the asset's Movements and stages

• Monitoring health and activity for fixed readers

• Store tag read and asset events for sharing though SLSVIEW Hub

SLSVIEW Mobile

• Interacts with SLSVIEW API Library

• Manages Asset Events

• Manages Business Process Flow

• Manages RFID Reader Connectivity

• Manages Barcode Imager Connectivity

• Manages Print Events

• Manages User Interface

• Manages Wi-Fi Network Connectivity

• Manages Device Bluetooth Connectivity

SLSVIEW Hub

• Transforming asset events to familiar business events

• Enabling information to be shared across your company

• Enabling information to be shared to your business partners

• Enabling information to be shared to your customers

• Integrating with your applications

• Integrating with IoT event Hubs

• Integrating with all SLSVIEW Cloud data hub

SLSVIEW M-Series™

• Mobilizing data capture with handheld, handsfree, and pallet readers in inventory management solutions

• Associating serialized trade items (SGTINS), shipping containers (SSCC), returnable assets (GRAI), and individual assets (GIAI) to their current location, stage, and status

• Real time updates and cycle counting of inventory quantity on hand

• Sharing of real time material flow information between departments and to your MES, WMS and ERP systems

• Enabling improved decision making on production, order fulfillment, packaging, and outbound shipping based on accurate inventory

SLSVIEW D-Series™

• Automating data capture with fixed readers in automated dock door solutions

• Associating serialized trade items (SGTINS), serialized shipping containers (SSCC), returnable assets (GRAI), and individual assets (GIAI) to a shipment (GSIN)

• Auditing of shipping or receiving quantity intent to physical contents

• Sharing of real time staging, shipment, receipt, and audit information between to your MES, WMS, ERP, and block chain systems

• Enabling automated receiving and shipping at suppliers, customers, and between facilities
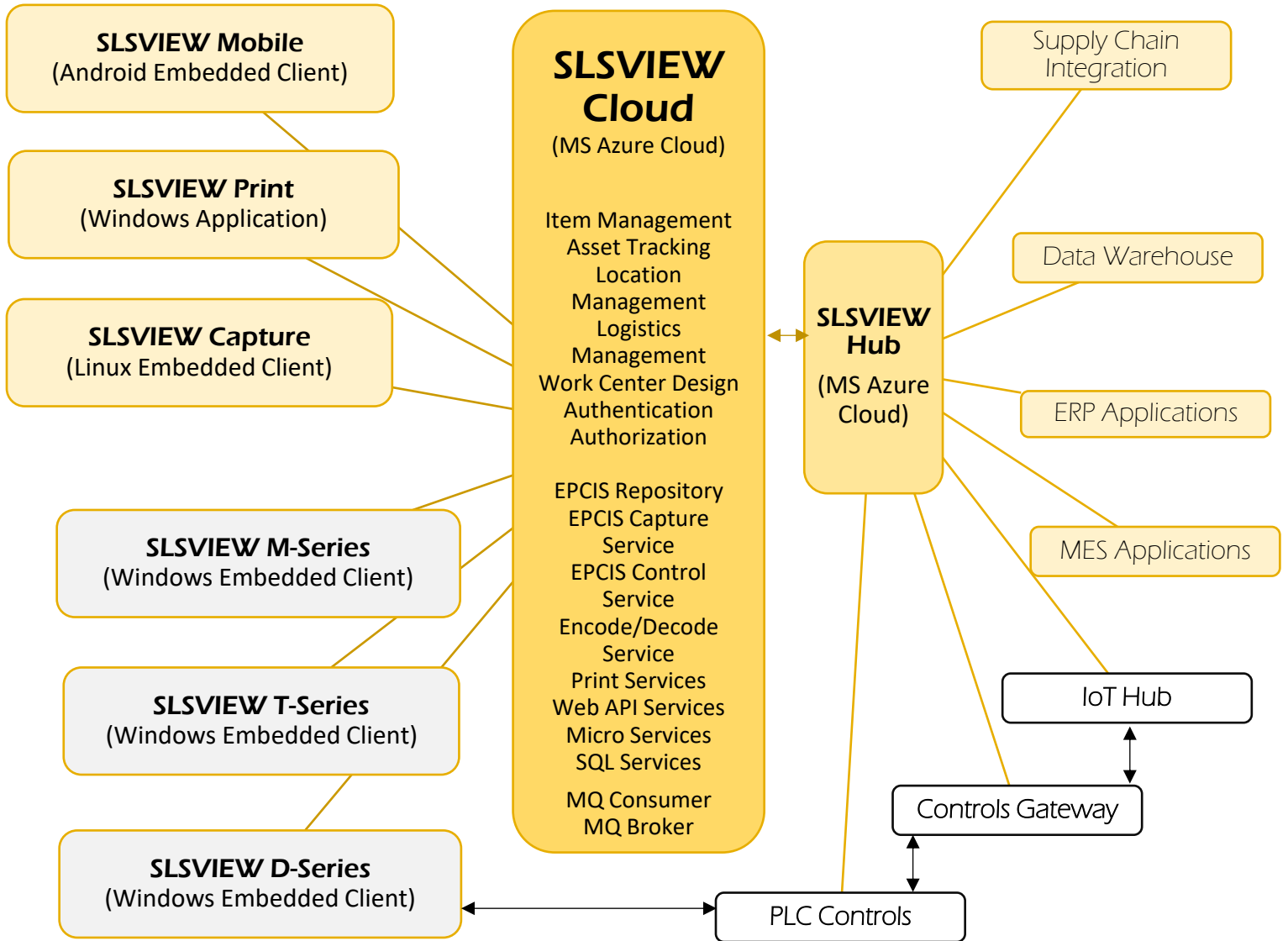
SLSVIEW T-Series™

• Automating data capture with fixed readers in automated tunnel solutions

• Associating serialized trade items (SGTINS) to serialized shipping containers (SSCC) and returnable assets (GRAI)

• Auditing of order and packaging quantity intent to physical container contents

• Sharing of real time pick, pack, and audit information between departments and to your MES, WMS and ERP systems

• Enabling in station and in area quality

Tag Data Standards Support

- Target Market
  - o Consumers Goods Industries
- Scope
  - o Electronic Product Code encoding compliance for GS1 defined Item Types including:
    - Serialized Global Trade Items (SGTIN-96)
    - Returnable Assets (GRAI-96)
    - Individual Assets (GIAI-96)
    - Serialized Shipping Containers (SSCC-96)
    - Global Shipment Identification (GSIN-96)
  - o Create Container: Support SGTIN and GRAI and SSCC Aggregation
- Reference
  - o https://www.gs1.org/standards/epcrfid-epcis-id-keys/epc-rfid-tds/1-11

SLS® System Landscape

SLSVIEW Mobile
(Android Embedded Client)

SLSVIEW Print
(Windows Application)

SLSVIEW Capture
(Linux Embedded Client)

SLSVIEW M-Series
(Windows Embedded Client)

SLSVIEW T-Series
(Windows Embedded Client)

SLSVIEW D-Series
(Windows Embedded Client)

SLSVIEW Cloud
(MS Azure Cloud)

Item Management
Asset Tracking
Location
Management
Logistics
Management
Work Center Design
Authentication
Authorization

EPCIS Repository
EPCIS Capture
Service
EPCIS Control
Service
Encode/Decode
Service
Print Services
Web API Services
Micro Services
SQL Services

MQ Consumer
MQ Broker

SLSVIEW Hub
(MS Azure Cloud)

Supply Chain
Integration

Data Warehouse

ERP Applications

MES Applications

IoT Hub

Controls Gateway

PLC Controls

Federal Communications Commission (FCC) Compliance
Industry Canada (IC) Compliance
Europe – EU Declaration of Conformity (CE mark)