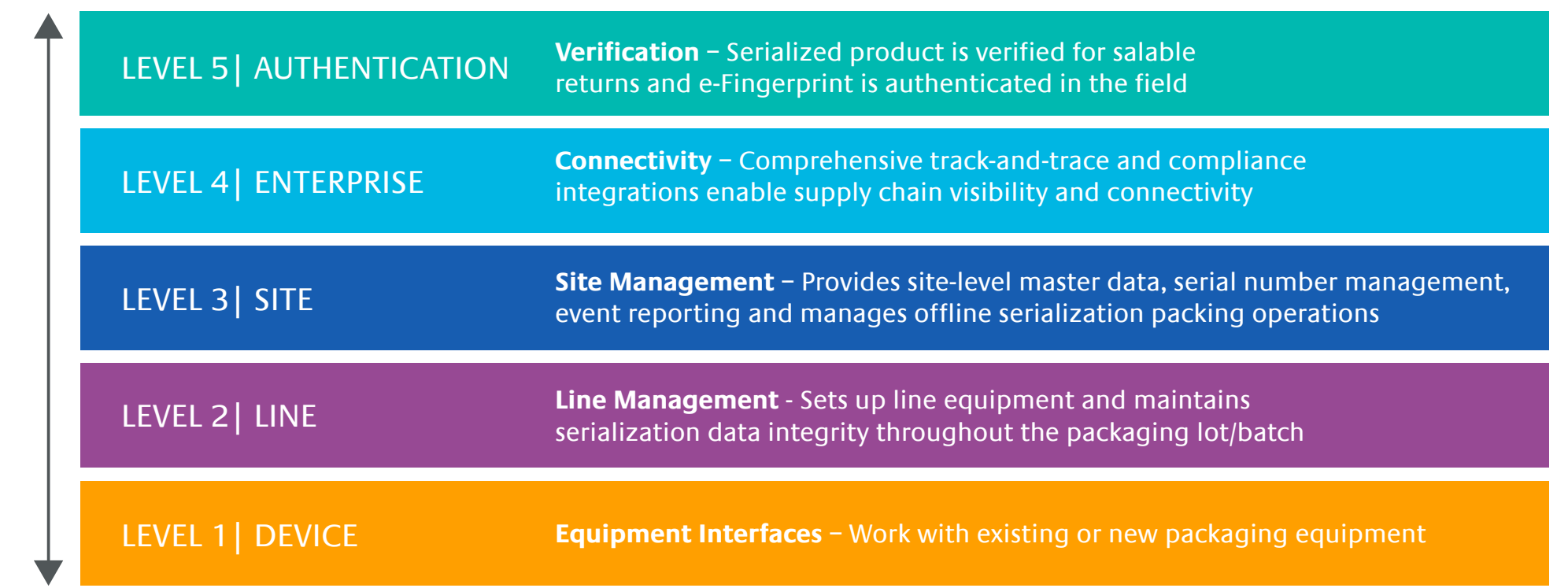# A product journey supported by data
Systech, your single vendor for the entire supply chain

Systech pioneered pharmaceutical serialization and has deep roots in packaging execution systems, line control and vision inspection. Our comprehensive platform delivers digital identification, secure item-level tracking and identity verification solutions for every stage of a product's life—from the packaging line to the consumer.

Systech delivers full-stack (L1 – L5) capabilities that can be deployed rapidly on any line, site or enterprise in any region

LEVEL 5 | AUTHENTICATION	**Verification** – Serialized product is verified for salable returns and e-Fingerprint is authenticated in the field
LEVEL 4 | ENTERPRISE	**Connectivity** – Comprehensive track-and-trace and compliance integrations enable supply chain visibility and connectivity
LEVEL 3 | SITE	**Site Management** – Provides site-level master data, serial number management, event reporting and manages offline serialization packing operations
LEVEL 2 | LINE	**Line Management** – Sets up line equipment and maintains serialization data integrity throughout the packaging lot/batch
LEVEL 1 | DEVICE	**Equipment Interfaces** – Work with existing or new packaging equipment

Value on the line, in the cloud and across the supply chain—for manufacturers, packagers, distributors and dispensers

SYSTECH Insight™
Performance Assurance, Audit Readiness & Operate Anywhere

Supply Chain Intelligence (future)

Level 3

Vision Inspection
Ensure quality & compliance

Serialization
Commission serial number

e-Fingerprint®
Capture and store **data** for future authentication

Aggregation
Collect all **data** with single pallet scan

Level 4

Traceability & Compliance...
Capture event reporting & store serialization **data**

Reconcile physical product with its **digital record**

Store & share shipping tote **data** with trusted trading partners

Level 5

Authentication anywhere

Validate serial number **data**

Verify e-Fingerprint

Real-time insight & visibility with item-specific product data

UniSeries®

UniTrace®

UniSecure®

DIGITAL MOVEMENT

Secondary Distributor

UniTrace® Hub

Wholesalers

Specialty Pharmas

Retail Pharmacies

Manufacturers, CDMOs

3PLs

Health Systems

Retail/Groceries

PHYSICAL MOVEMENT

Drug packaging gets inspected

GTIN 00312345000000
SN 01234567890123
LOT 012345
EXP NOV 2018

The drug receives its unique product identification

Drug barcode receives optional e-Fingerprint for added protection

Drug aggregated from item to case to pallet

Pallet scanned for outbound shipping

Level 2

Pallet scanned for inbound receipt, broken down & drug assembled into tote into a tote

Tote scanned for outbound shipping

Drug barcode verified with warehouse device

GTIN 00312345000000
SN 01234567890123
LOT 012345
EXP NOV 2018

Drug verified upon receipt for safe dispense and DSCSA compliance

Drug barcode verified with Systech smartphone app

Complete suite of vision tools	Line & device management	Post-lot rework operations & centralized palletizing	1000+ supply chain partner EPCIS connections: Integrated logistics & exception handling

SYSTECH®
connected solutions by Markem-Imaje®