



ANTARESVISION



TRACK & TRACE
ATS
ANTARES
TRACKING
SYSTEM

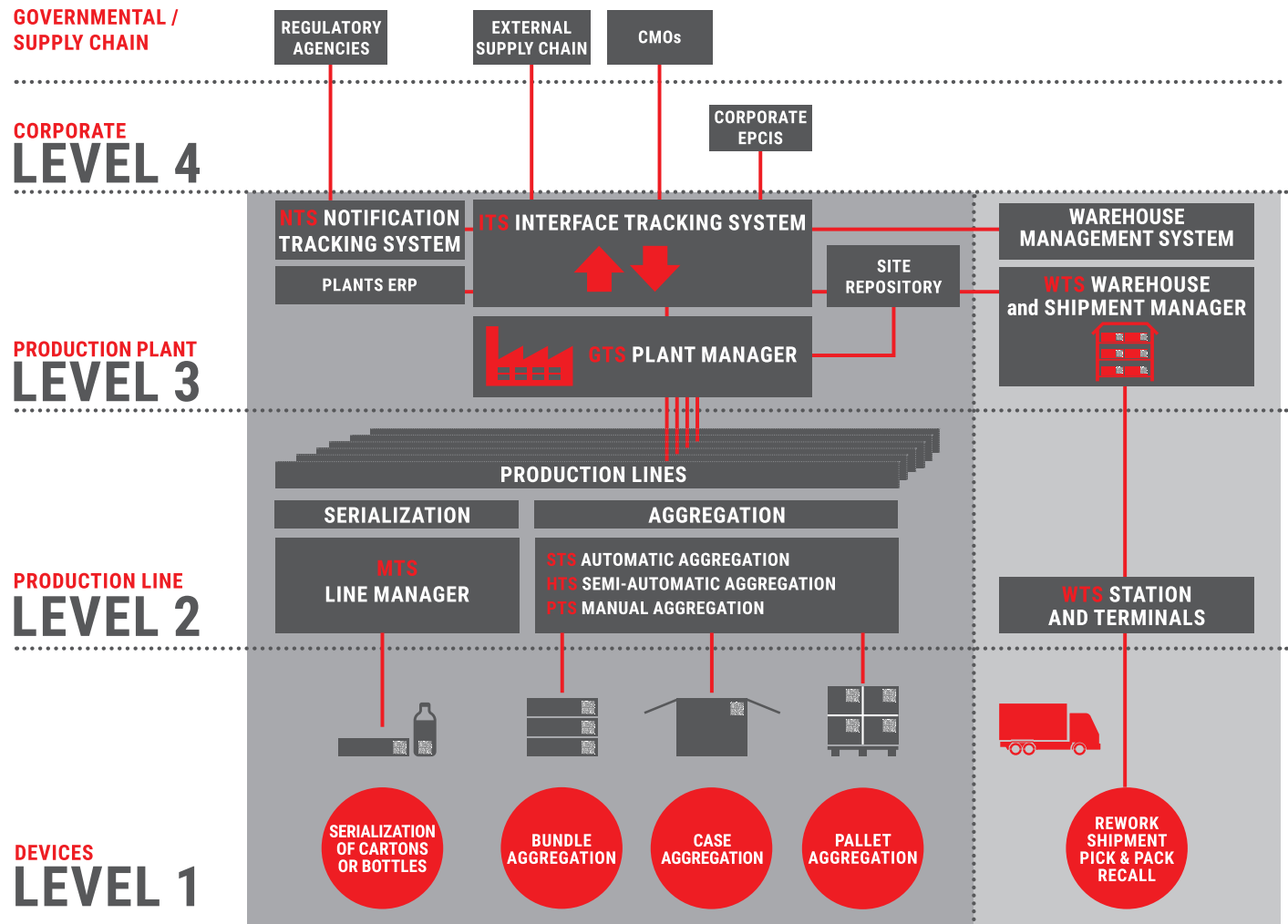
Based on its unparalleled experience in equipping track & trace on manufacturing lines, Antares Vision has developed ATS - Antares Tracking System - the fully integrated software and hardware platform to manage all serialization and aggregation activities.

ATS has already proven its functionality and efficiency in over 1,100* serialization lines deployed worldwide, covering any serialization and aggregation regulations enforced or released so far (Turkey, South Korea, Argentina, China, EU-FMD, DSCSA, etc.) and any other worldwide regulation on pharmaceutical product safety.

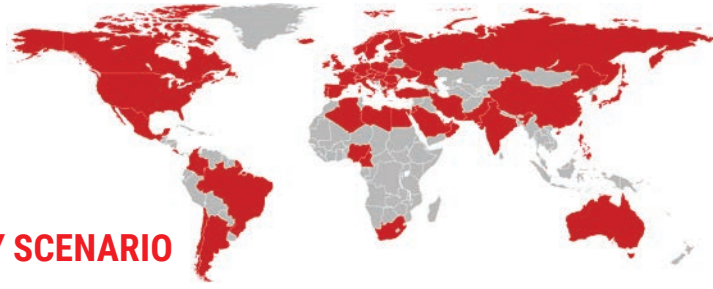
ATS can manage all the tracking data at line, plant or corporate level: the Antares Tracking System coordinates the line-level serialization process of individual pharmaceutical cases up to the pallet; at plant and corporate level, it is able to interface with the internal ERP for the management and handling of orders.

ANTARES TRACKING SYSTEM

TRACK & TRACE INTEGRATED ARCHITECTURE



[* status December 2016]



THE REGULATORY SCENARIO

The development of regulations for traceability is continuously evolving worldwide. This requires today's packaging operations to be adaptable and flexible, in order to guarantee investments in time and therefore minimizing the total cost of ownership.

- Automatic ERP interface for data exchange
- Compliance with all serialization rules
- Easy recipe management function
- Possibility to manage both physical and logical lines

- Multiple work order management
- Automatic device configuration
- Management of automatic / semi-automatic / manual aggregation
- Real-time check of serial number status during production

- The widest range of proprietary serialization and aggregation standalone units on the market
- Unmatched experience in integrating track & trace on third-party machinery



ATS 3.0: A POWERFUL SOFTWARE PLATFORM

The third generation of Antares Vision software provides a **modular** and **scalable** approach to comply with any existing international regulatory, while new regulations emerging in time are easily added with minimal revalidation efforts, thanks to the **core/domain** architecture.

CORE & DOMAINS



The **core** is the main central, unvarying software body, complemented by dedicated plug-ins called **domains**. Core and domains are independently integrated. Specific regulations, options, functions and line devices are flexibly integrated via the domains. The domains can be easily enabled and disabled, to manage different rules and working modes, allowing a minor validation process. A specific **software architecture** allowing time and cost savings.

KEY BENEFITS

- / total **flexibility**
- / independent **validation**
- / future **expandability** with new functions
- / single, reliable **point of connection** (ERP, WMS, MES and EPCIS)
- / easy and intuitive **on-screen interface**
- / the **most proven solution** deployed worldwide

A DOMAIN FOR EVERYTHING



/ any **regulation** can be addressed in a specific domain, including coding rules and notification interfaces with regulatory agencies (eg. Ministry of Health)



/ any **procedure** and working rule can be easily changed or added (eg. aggregation hierarchy, new aggregation levels)



/ any additional **device** (eg. camera, printer) and its behaviour can be changed or extended

SERIALIZATION AND AGGREGATION SOLUTIONS

Antares Vision serialization and aggregation equipment are part of the ATS architecture, and are designed to manage operations in **production plants** and **warehouses**:

- Compact, standalone **serialization modules** optionally combining advanced packaging functions (eg. checkweigher, tamper evident, labelling) for quick deployment and line space saving.
- Print & Check serialization kit integrated on **3rd party OEM equipment**.
- **Automatic aggregation** kits designed for installation on bundling machines, case packers and palletizing stations.
- **Semi-automatic** or **manual** standalone aggregation modules for end-of-line packaging operations.

Our team of solution architects can develop the most efficient configuration of Track & Trace systems according to your specific line process requirements.

360° SERVICE PORTFOLIO



GLOBAL SOLUTIONS, LOCAL SUPPORT

Antares Vision solutions are delivered and supported both **centrally and locally**. A constantly expanding network of **qualified partners** worldwide allows optimized response times, cost-effectiveness and flexibility in all service and maintenance activities.

Discover Antares Vision worldwide operations:



ANTARESVISION

Antares Vision delivers the most comprehensive and scalable global solution in **inspection systems, track & trace** and **smart data management**, leading the complete process of protecting the products throughout their life-cycle. We are the natural choice for many applications in the most demanding sectors including pharmaceuticals, medical devices, cosmetics, food & beverage.

via del Ferro, 16 - Travagliato - Brescia - ITALY Tel. **+39 030 72 83 500** - Fax +39 030 51 09 958
info@antaresvision.com www.antaresvision.com



AUTHORIZED PARTNER: