



ATS CORE THERE'S a DOMAIN for EVERYTHING

ATS 3.0 - CORE & DOMAINS

- The evolving scenario of regulations toward track & trace 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.
- Antares Vision - leader in track & trace applications for the pharmaceutical industry - responds to this market request with ATS CORE, third generation of the renowned Antares Tracking System.
- ATS CORE creates a new track and trace concept: it is capable to cope with all national rules and all customer's requests.
- Its innovative power is inherent in its software architecture, made by a main central and unvarying body called CORE, and pluggable tailor-made interfaces called DOMAINS.
- The central CORE is complemented with various customized DOMAINS. The CORE and the DOMAINS are independently integrated.
- That means that options, function and line devices can be changed, updated and increased just upgrading, adding or changing the plugged DOMAIN elements, without any need to re-validate the CORE.
- ATS CORE permits tailor-made systems for significant savings in time and money.

ADVANTAGES

THIS REVOLUTIONARY SOFTWARE ARCHITECTURE ASSURES:

- total flexibility for specific requirements
- reduced costs and less time for customizations:
- separate validations for every new integrated domain
- future expandability with new functions or components with no need to re-validate all the system

ANY REGULATION CAN BE EASILY ADDRESSED IN A SPECIFIC DOMAIN



- Support for GS1 Rules, Chinese Rules and any requirement from different Countries.
- This flexibility allows, for instance, the CORE to be freely integrated with various local domains as new regulations emerge: when a new features (as a notification interface with Regulatory Agencies) have to be added or changed, its modular structure allows to easily fulfill this task.

ANY PROCEDURE AND WORKING RULE CAN BE EASILY CHANGED OR ADDED



- The aggregation item hierarchy (carton, bundle, case, pallet) can be changed by the rules of the Domain (for instance, cartons to case aggregation).
- New aggregation levels (e.g. blisters) can be introduced by a Domain.

EASY INTEGRATION WITH ALL EXISTING OR NEW DEVICES



- Additional devices (cameras, printers, RFID, UV, etc.) can be integrated in the Domain.
- The behavior of each device can be easily changed or extended.

BETTER USERS EXPERIENCE

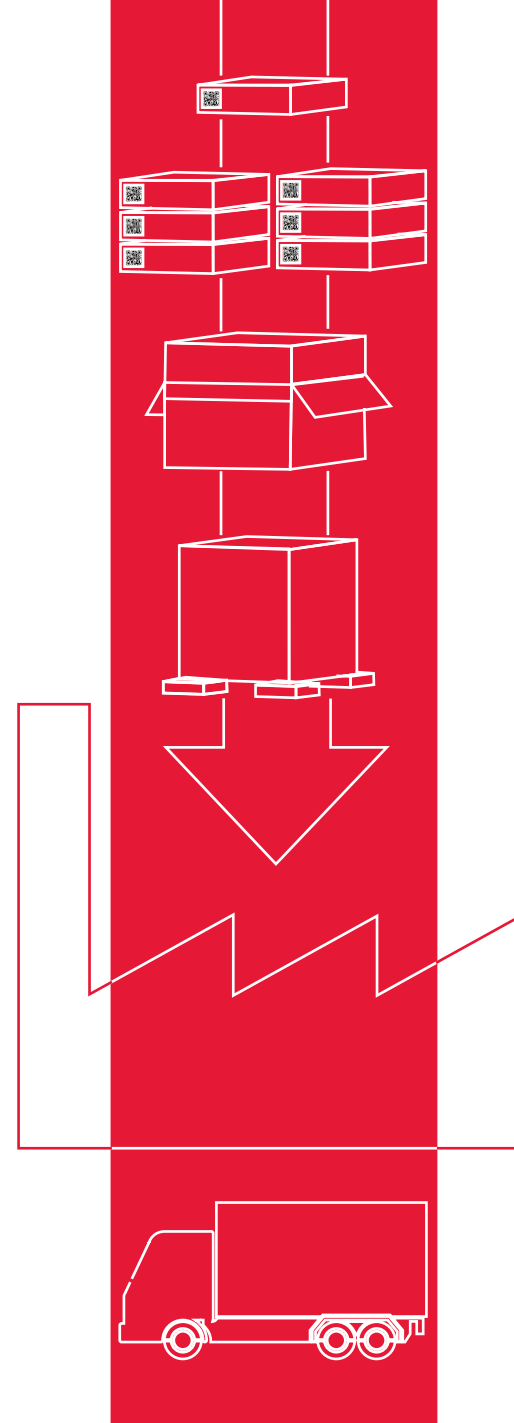


- Easy and intuitive user interface, quick training.
- GUI completely redesigned with Metro interface style.
- Customizable Reports (for Work Order, Serial, Audit Trail, etc.).

EASY INTEGRATION WITH ANY CUSTOMER'S ERP, WMS, MES AND EPCIS SERVER



- ATS supports all IT technologies, as SAP AII/ OER, Axway, IBM InfoSphere, IBM WebSphere.



ATS ANTARES TRACKING SYSTEM



ATS KEEPING PHARMA OPERATIONS ON TRACK

ATS - Antares Tracking System is the complete software suite to manage track and trace/ e-Pedigree of drug packages.

ATS has already proven its functionality and efficiency in over 100 plans*, fulfilling all the regulations enforced so far (Turkish, Korea, Argentina, China, etc.) and serializing and aggregating over 5 billions of SKUs.

Flexibility, scalability and consistency are the key points of ATS: serial numbers can be generated in randomic, serialized randomic or incremental, or can imported from external sources (ie. MES, ERP, corporate repositories). Lines can be easily configured to work according to the different regulations and level of aggregation required by the single work order (ie. non serialized, serialized only, bundle + case + pallet, etc.)

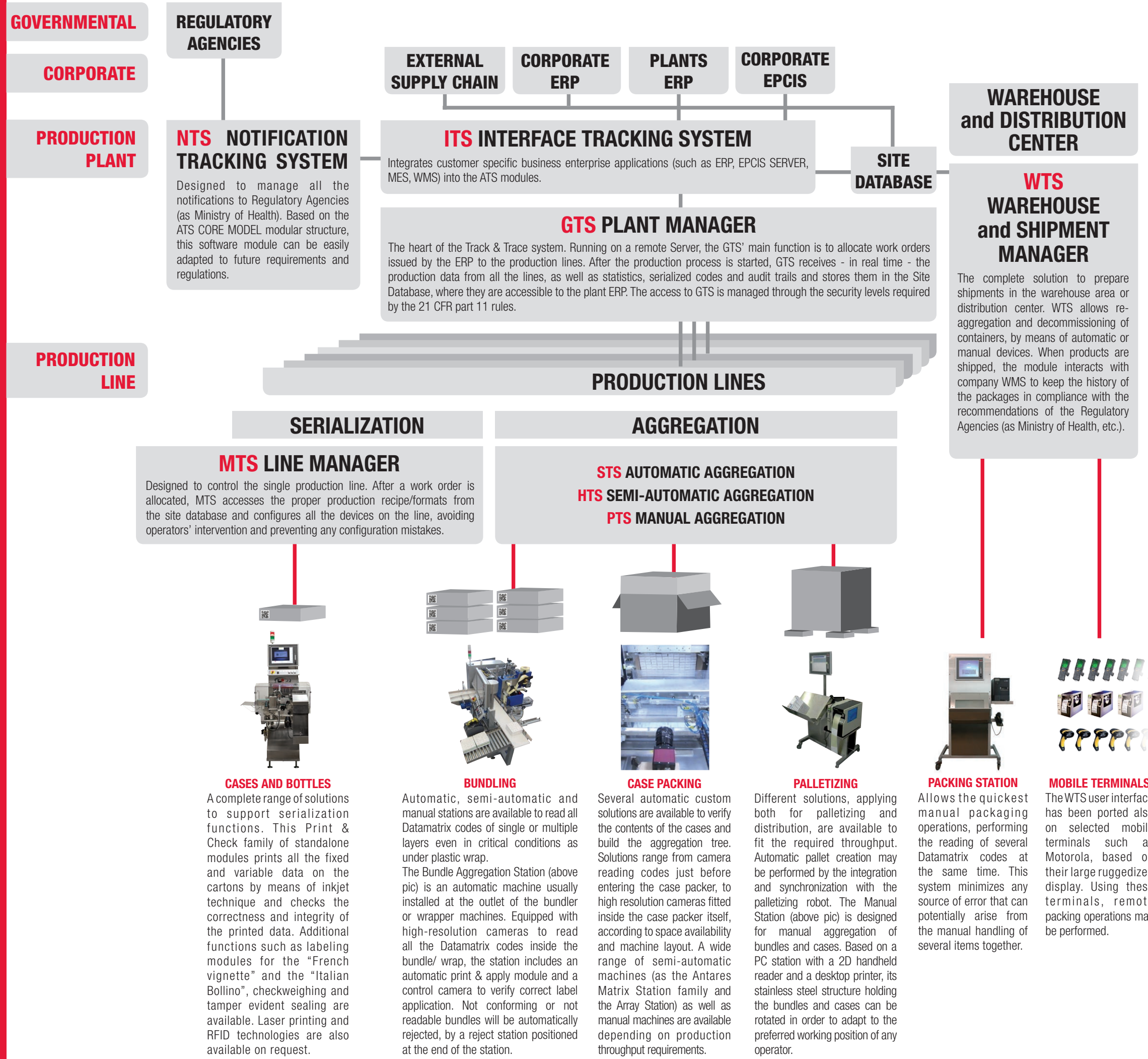
The typical exceptions such as reworking of damaged cartons, partially filled bundles or cases, are managed in an easy and efficient way, thus maximizing line OEE.

At line level, the ATS software modules are implemented on real-time hardware platforms that ensure perfect data synchronization with packaging machines even at the highest throughput.

The consistency of the full track and trace data flow and storing is guaranteed in any condition, as the local DB is continuously mirrored to the plant DB and all devices are under UPS: however, should any device fail on the line, the overall batch data is guaranteed at the last synchronization (typically less than 2 seconds).

Scalability is intrinsically assured by the modular structure of ATS: new regulations emerging in time can be simply added to the existing structure, minimizing installation and validation times and efforts.

Full warehouse operations are enabled through the WTS - Warehouse Tracking System module, performing efficient decommissioning, recommissioning and shipment operations, seamlessly interacting with the plant managers, repositories and the existing WMS systems.



A LONG TRACK OF SUCCESS

ATS is operational in more than 350 lines* all over Europe, U.S.A, South America and Asia, supporting either serialization and aggregation functions both for cartons and bottles and responding to all enforced regulations. Antares turnkey solutions includes also:

- 5 compact models of serialization modules to meet all requirements of your production lines with optional checweighing, labeling and tamper evident seal.
- a high performance ink jet or laser printing system, to obtain unrivalled print quality and contrast.
- integration of full RFID serialization and aggregation technologies available on request.
- solutions spanning from automatic aggregation to semi-automatic machines (as the Antares Matrix Station family and the Array Station) as well as manual machines are available depending on line configuration and production requirements.

- local support with a worldwide presence with 6 company locations and 23 sales & service partnered companies. Strategically based, we offer development and operations support to give a real business value, by means of a qualified technical service from cost effective locations around the world.

* December 31th 2013