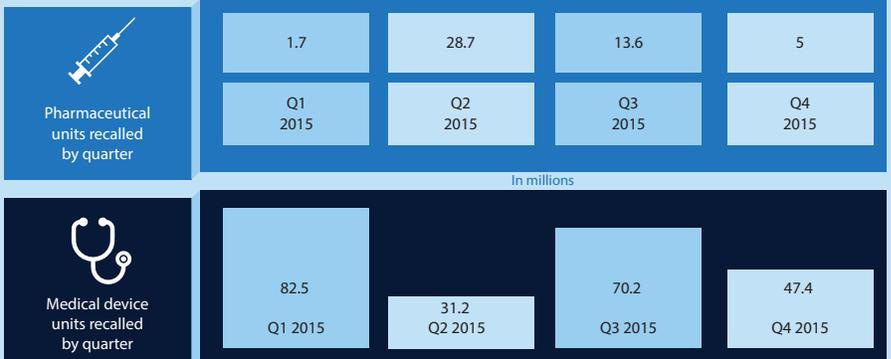Infosys®
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GLOBAL BATCH TRACEABILITY (GBT): FASTER DEPLOYMENT, REDUCED TCO, AND ENHANCED PATIENT SAFETY

Batch traceability is vital for the life sciences industry

Statistics show that product recalls significantly impact revenue in the pharmaceutical industry. Delay or failure to respond swiftly to these recalls can have direct impact on patient safety and in turn, on revenue and reputation of the organization.

Pharmaceutical units recalled by quarter

1.7	28.7	13.6	5
Q1 2015	Q2 2015	Q3 2015	Q4 2015

In millions

Medical device units recalled by quarter

82.5 Q1 2015	31.2 Q2 2015	70.2 Q3 2015	47.4 Q4 2015

Recalls data in pharma and medical devices industry in the US, 2015

Patient safety is of utmost importance in the pharmaceutical industry. Therefore, it is critical to perform an analysis of the product genealogy and trace defective products quickly, in case a product needs to be recalled. Additionally, pharma organizations need to meet a host of compliance requirements. It is here that the Infosys solution suite for GBT plays a role.

GBT – Identifying challenges and solutions
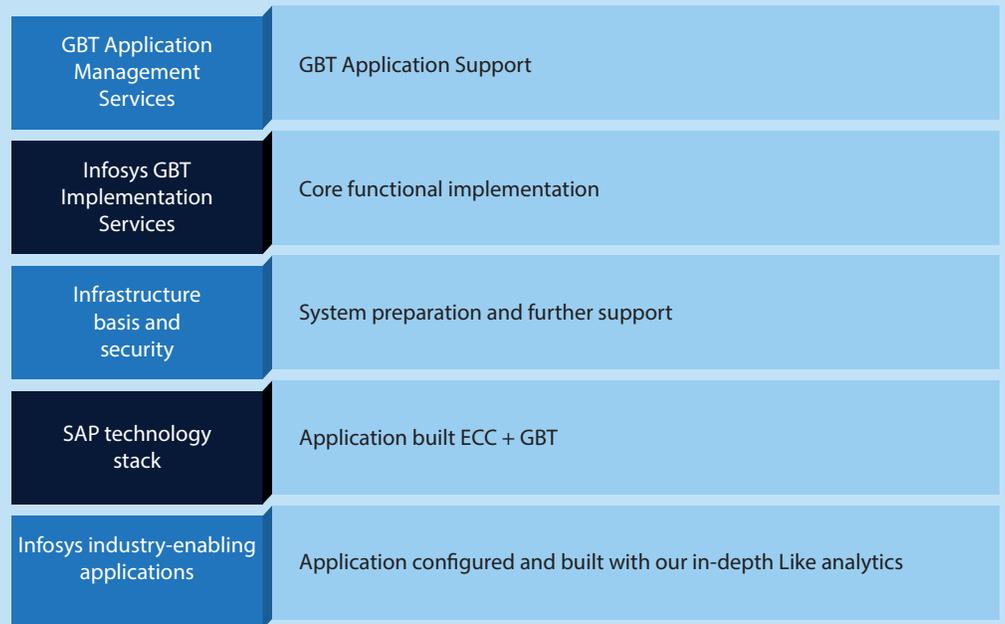
Key challenges

- Multisystem landscape makes it difficult to get linkage of products across sites due to a complex supply chain
- Ensuring data integrity across the supply chain
- Excess manual effort resulting in long lead time in case of recalls / customer complaints / FDA audits
- Availability of consistent batch data tracking and keeping historical records

SAP GBT solution

- Corporate-level view on a cross system product genealogy
- End-to-end supply chain visibility of products and components
- Comprehensive graphical tracing views for relationship understanding
- Rapid investigation through intuitive user interface
- Ensures precision withdrawal / recall
- Facilitates timely regulatory reporting

Infosys solution suite for GBT

Having worked as a co-development partner on the first product pilot that was implemented, Infosys has a deep domain expertise in SAP GBT. We also have extensive knowledge garnered from implementing SAP GBT for multiple pharma customers, and having developed the Infosys solution suite for GBT. This solution is designed to be rapidly implemented and to deliver maximum value for investment.

GBT Application Management Services	GBT Application Support
Infosys GBT Implementation Services	Core functional implementation
Infrastructure basis and security	System preparation and further support
SAP technology stack	Application built ECC + GBT
Infosys industry-enabling applications	Application configured and built with our in-depth Like analytics

Ready reckoner for rapid deployment of Infosys solution suite for GBT

- Ready list of possible scenarios of batch linkage processes to identify gaps in batch genealogy
- Pre-developed key business reports required for analysis and submission to authorities

- Guidelines for IT infrastructure and hardware
- Ready-to-use interface adapters to connect with SAP ECC and non-SAP ECC systems

- Business KPI repository of functional specification, test scripts, business process master list, and configuration log

How Infosys enables faster deployment of SAP GBT solution

Assesses supply chain landscape and batch traceability process	Develops proof of concept based on Infosys solution suite for GBT	Tailored value trace roadmap of SAP GBT deployment

Business outcomes of the Infosys solution suite for GBT

- 30% schedule acceleration from rapid deployment
- 25% TCO reduction from end-to-end bundled services
- Improvement in response to recalls – lead time down from 2–3 weeks to ~2 hours

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For more information, contact askus@infosys.com

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