



Track & Trace

Appian Enabled IoT & Blockchain Solution

Leverages Appian, IoT & Blockchain to prevent counterfeiting & trace the condition of the medical device through the supply chain

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Key Industry Problems

- The medical device and pharmaceutical industry is plagued by counterfeit products
- Compliance & Regulatory needs across the globe on medical devices
- Multiple parties in the supply chain, with a lack of visibility & ownership across the chain



Key Features

- Single integrated view of the medical devices tracking in the supply chain
- Dynamic Case Management to proactively manage any exceptions in the tracked medical device, such as spike in temperature
- AI to suggest the best logistics partner
- Mobile App to validate the authenticity of the medical device
- Smart contracts and decision rules to penalize logistics partner for unacceptable shipping conditions



Solution Highlights

- Blockchain for provenance tracking & authenticity of the medical device in the chain
- Appian to integrate, interact, visualize and analyze the ledger & manage exceptions
- IoT to track & monitor parameters of the tracked medical devices

Solution Benefits

- Enables transparency of ownership & device condition across the chain
- Prevents frequent complaints & product recall by proactively managing any incident during shipment
- Leverages Analytics & AI driven logistics partner for shipping
- Enables authenticity of medical device with Blockchain & Mobile app validation
- Automates & makes penalty calculation visible across participants with Smart Contracts & Rules

For more details, please contact AppianCoE@cognizant.com

About Cognizant

Cognizant (Nasdaq-100: CTSI) is one of the world's leading professional services companies, transforming clients' business, operating and technology models for the digital era. Our unique industry-based, consultative approach helps clients envision, build and run more innovative and efficient businesses. Headquartered in the U.S., Cognizant is ranked 195 on the Fortune 500 and is consistently listed among the most admired companies in the world. Learn how Cognizant helps clients lead with digital at www.cognizant.com or follow us @Cognizant.

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