



Asset Intelligence Platform Benefits and Capabilities



A Platform Solution

Tego's Asset Intelligence Platform (AIP) is the first solution, ever, to enable data storage, lifecycle management and business analytics in a wireless, battery-less, disconnected environment. Product identity, business process meta-data and related content about any asset or product is automated and digitally available without the need for an internet connection or integration to a backend database or cloud.

TegoHub is the heart of the platform. It provides the visibility, traceability and analytics required for most Internet of Things deployments. Through the solution, your team will automate stages of production or lifecycle management, gain automated real-time alerts and notifications and allow scheduled reporting through triggers based on business logic.

Creating Business Value with Tego's Platform

Tego's Asset Intelligence Platform (AIP) is a comprehensive, plug & play, software solution agnostic to edge input. The software can ingest simple automated ID standards like barcodes, QR codes, UHF and HF RFID tags, GPS and satellite data.

- Choose from pre-loaded, industry specific applications, in ready-to-use templates, with data standards, or configurable it through a simple drag and drop interface that enables customization without coding.
- TegoConnect is a mobile application that leverages iOS, Android or Windows OS devices already in the hands of most employees.
- The application is ideal for manufacturing environments, field service workers, and supply chains where access to data and analytics is necessary in both connected and disconnected environments.
- The mobile application syncs all activities in real-time to TegoHUB for aggregated reporting and organization-wide analytics.
- The Hub provides enterprise wide visibility of product information along with meta-data related to work in process, field service activities, and supply chain movement.
- Traceability is achieved across facilities and locations and across partners and vendors both, creating a reliable chain of custody narrative.
- The Hub is deployed either on-premise or hosted in the cloud. Security and safety protocols are standard.
- The Hub can be integrated into enterprise asset management systems like SAP or it can remain stand-alone.

Tego's Software Development Kit and API allow for additional applications to be developed by partners and system integrators.

Business Benefits

Empower your teams with real-time data and information to make better, more informed decisions, mitigate business risks, and assure better controls.

Enable:

- ✓ Cost control
- ✓ Audit-proof inventory
- ✓ Asset accounting
- ✓ Digital traceability of supply chain
- ✓ Improved visibility and resource planning
- ✓ Accurate reporting of field activities



How It Works

TegoConnect allows for the secure, seamless capture and transfer of data between physical things and edge devices, agnostic to differing communication protocols. A portion of the solution is wireless, battery-less and utilizes energy-harvesting technologies. The software works across all standard handheld and stationary readers.

TegoConnect also enables the deployment of mobile applications for process monitoring and data reporting and analytics leveraging any major mobile device type (iPhone or Android or Windows).

✓	Universal Solution	Capture any data and file type directly on any asset, product or component
✓	Large Data Volumes	Capture and exploit large volumes of data on high memory RF tags on any asset
✓	Scale	Guarantee scale with the ability to support AIP deployments across an unlimited number of smart assets
✓	Safe, Easy Transfer	Enable safe, secure and efficient transfer of any data or document types
✓	Low Cost	Avoid large overhead, IT integration and ongoing support and connectivity costs of other software and solutions
✓	Hardware Agnostic	Achieve independence from specific hardware type or brand
✓	Future Proof	Leverage TegoConnect as a development platform for new hardware and mobile communications protocols and solutions
✓	New, Out of the Box Solutions	Enable the development of custom solutions and services for your customers and industries type or brand

Solution Components



TegoHub

- A configurable, scalable, platform with industry specific templates for rapid deployment and a cross-platform library.
- Supports all major mobile and desktop operating systems including iOS, Android, Windows, and OS X.
- APIs allow simple plug and play integration with IoT, EAM and ERP systems.

Tego Connect Mobile and Auto

- Easily and securely manage critical data directly on the asset through TegoConnect, a mobile or fixed device application to deliver supply chain intelligence, business analytics, workflow/process management at the edge.
- TegoConnect supports – iOS, Android, Windows and OS X – and integrates with TegoHub and enterprise applications.

Tego Tags [TegoChip inside]

- Suitable for disconnected, rugged, and/or field assets, with the ability to support diverse multimedia file types such as images, documentation, spreadsheets, and other types of files or unstructured data.
- First of its kind that is Gamma/E-Beam sterilization-proof and is rated for 30+ year data retention and durability through extreme temperatures, vibration and shock.
- Blockchain on a chip – first verifiable edge ledger on a chip.

→ [Get in touch](#) to find out what Tego can do for your company.