



Smart Approaches to Smart Assets

Use cases and immediate benefits

Internet of Things (IoT) The "I" in IoT

- Connect things to the Enterprise;** through sensors and complex infrastructures
- Centralized data;** top-down approach
- Sensor-based;** telemetry data
- Data overload;** and underutilization
- Data ownership and location;** data may reside in vendor platforms or cloud
- Network connectivity focus;** always connected, always on
- Gaps in reach and connectivity;** IP dependent, requires power
- Security risks;** IP-based, hackable
- High cost;** requires expensive infrastructure; unproven use cases and ROI

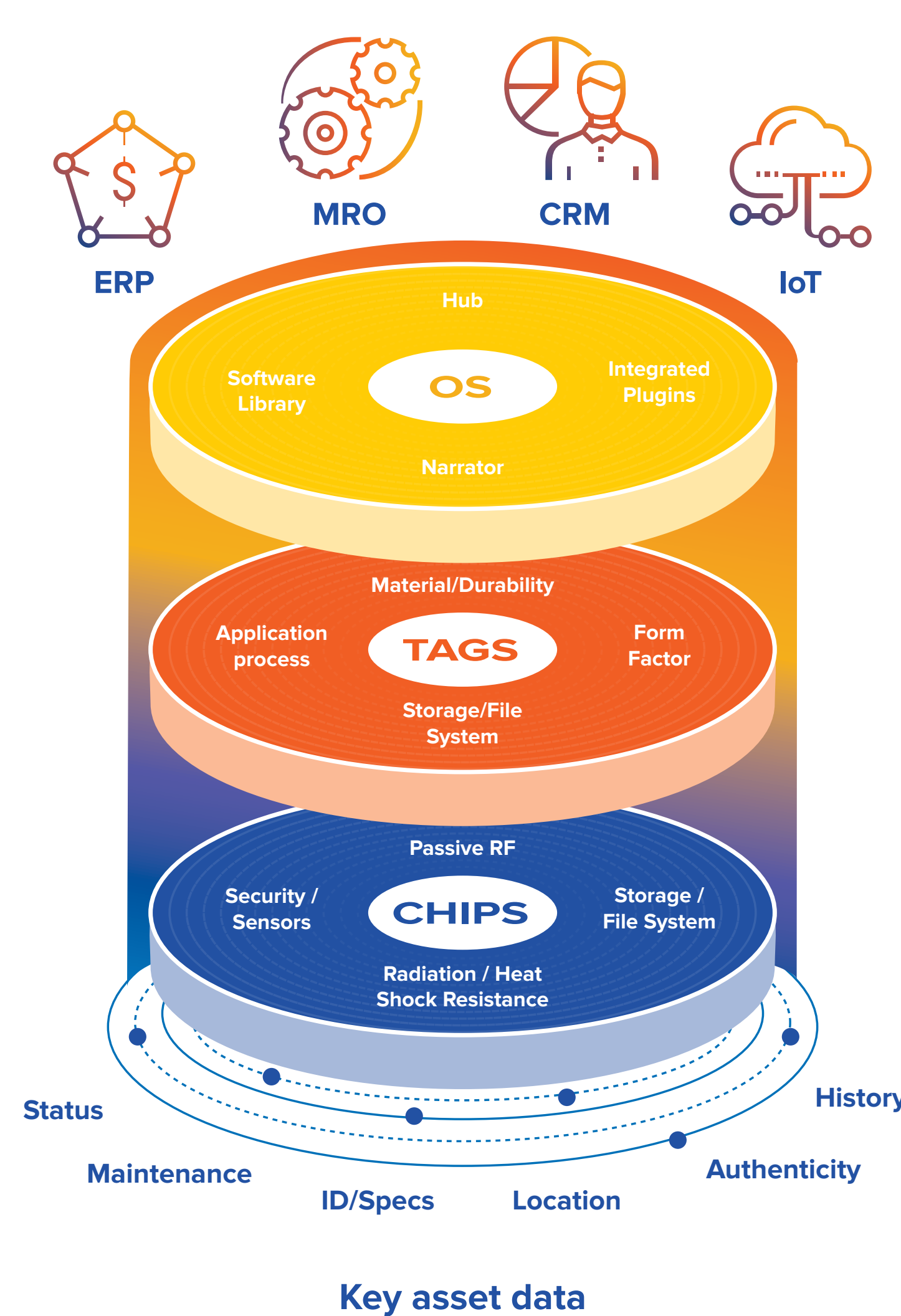
Tego's Asset Intelligence Platform: The "T" in IoT

- Embeds intelligence directly on assets;** connect to other systems as needed
- Distributed data;** at the point of decision-making and action
- Any type of data;** or files related to the asset
- Only the Right Data;** at the Right Place for the Right Action
- Data control;** data is managed and selectively shared by the asset manager
- Data connectivity;** on-demand connectivity
- Wireless, batteryless;** on-demand data in the field
- Secure;** no remote access to hack
- Low cost solution;** gets you started on the smart assets transformation with immediate ROI

Focusing on the T in IoT and a distributed data approach is an easier, flexible approach for greatest value and immediate ROI from smart assets.

Tego's Asset Intelligence Platform

Tego's Asset Intelligence Platform embeds data and documents on the asset. It enables the capture of data throughout an asset's life cycle - from manufacturing through distribution to use and maintenance. The data travels with the asset wherever the asset may go. This distributed, secure data approach enables on the spot local analytics driving local action for the benefit of all authorized users.



The most common use cases for the distributed smart asset approach

Asset or Product Lifecycle Management	Asset or Product Regulatory & Process Compliance	Asset or Product Integrity Management
Manufacturing & quality documentation	Regulatory documentation	Registration
Configuration & calibration management	Product & manufacturing compliance	Authorization & Access Control
MRO & inspection history & management	Material documentation	Authentication
Proactive maintenance & replacement part planning	Packaging and labeling	Chain of custody validation
Usage and lifecycle stage measurement	Condition upkeep	Data integrity
Service contract management and execution	Expiration & Recall	Audit trail

Operational Optimization
Asset and Value Protection, Risk Mitigation and Compliance
New Insights and Opportunities

Quantifiable benefits of Tego AIP's distributed smart assets approach

Aerospace

Asset Life Cycle Management:

20%
asset life cycle extension

Optimizes workflow processes providing

28x
improvement

\$40M
savings over 10 years

Medical Devices

Product Compliance Management:

Provide critical product details and safety information to meet regulatory compliance while simultaneously **impacting bottom line, improving customer relationship, and maintaining competitive advantage.**

Life Sciences

Product Integrity Management:

16x
process improvement in manufacturing

\$300M
capex avoided; approaching a 10x ROI on the AIP investment

Tego's Asset Intelligence Platform (AIP) embeds intelligence on any product or asset enabling critical lifecycle, regulatory and integrity (AIP) data and organization's fingertips, for process optimization and efficiencies, and new revenue opportunities.

