OPTELOS

Enterprise Asset Advisor™ Platform

Industrial manufacturers can reduce costs and realize new insights across many operational areas through the power of visual data and computer vision AI

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Challenges

Visual data from drones, fixed camera, video and mobile devices is increasingly available but not yet being used to impact enterprise asset management and operations decisions

Utilizing visual data and aggregating it with other data sources (CAD, documents, IoT, etc) to drive better outcomes is challenging due to size and complexity

AI is available to improve and automate decision logic but not easily integrated into current operational systems

Industrial manufacturers, mining, energy and Telecom companies all starting to collect visual data, but critical decision logic has lagged

Ideal Solution

Allows visual data from a variety of sources to be seamlessly ingested and used in decision logic to improve outcomes

Enables easy collaboration, visualization and analysis of critical data to key stakeholders in the organization

Provides a single pane of glass to view all pertinent asset information in one place

Allows AI to be easily integrated to automate decisions and deliver new insights

Such a solution would allow visual data to be an integral part of any inspection, maintenance, compliance, inventory or production program
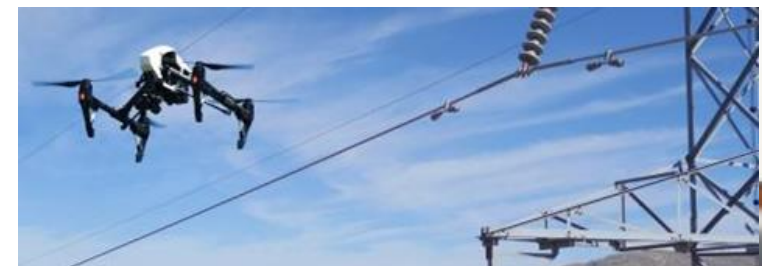
Desired Outcomes

Rapid identification and diagnosis of conditions for inspection, maintenance, repair and inventory management applications

Management of complex asset information in a single location, eliminating data silos

Collaboration across an organization facilitating better decisions, and sustainable results

Depending on application: better inventory control, reduced inspection and maintenance costs, improved compliance and repair costs

Digital transformation of asset inspection and management programs can be enabled with the Optelos' Enterprise Asset Advisor™ Platform

Better Decisions through Visual Data and AI

Robust Data Management and Collaboration

- Elegantly organize, store, share, search, annotate, and tag large visual data files
- Secure collaboration and multiple privilege levels, provides all stakeholders the unique access they need

Optimized Visualization and Aggregation

- Create reality based digital twins to easily solve complex problems and perform wide range of highly accurate measurements
- Aggregate visual and non-visual data such as CAD and IoT to better manage asset life cycle

Rapid and Automated Resolution through AI

- Identify issues and speed resolution through AI computer vision on collected data
- Operationalize Inspection through visual recognition AI
- Geo-locate identified issues for easy maintenance and repair

Simple Systems Integration

- Easily integrate with Trouble Ticketing, dispatch, inventory and other EAM systems to provide sustainable results
- Deployable in Azure secure cloud environments

"Optelos delivered a solution that greatly improved our complex and varied asset inspection and maintenance program, across the organization"

– Matt Ratchford, Innovation Leader, Georgia Pacific

Optelos is a unified SaaS platform, combining visual data management, visualization, digital twins and integrated AI computer vision, to create new insights and delivering better business outcomes

Key Capabilities

- Aggregate and centrally manage data from *any* source, eliminating data silos

- Visualize, analyze, & share information through Optelos improving collaboration

- Create visual models & digital inspection twins for in-depth analysis

- Drive rapid business outcomes through AI computer vision

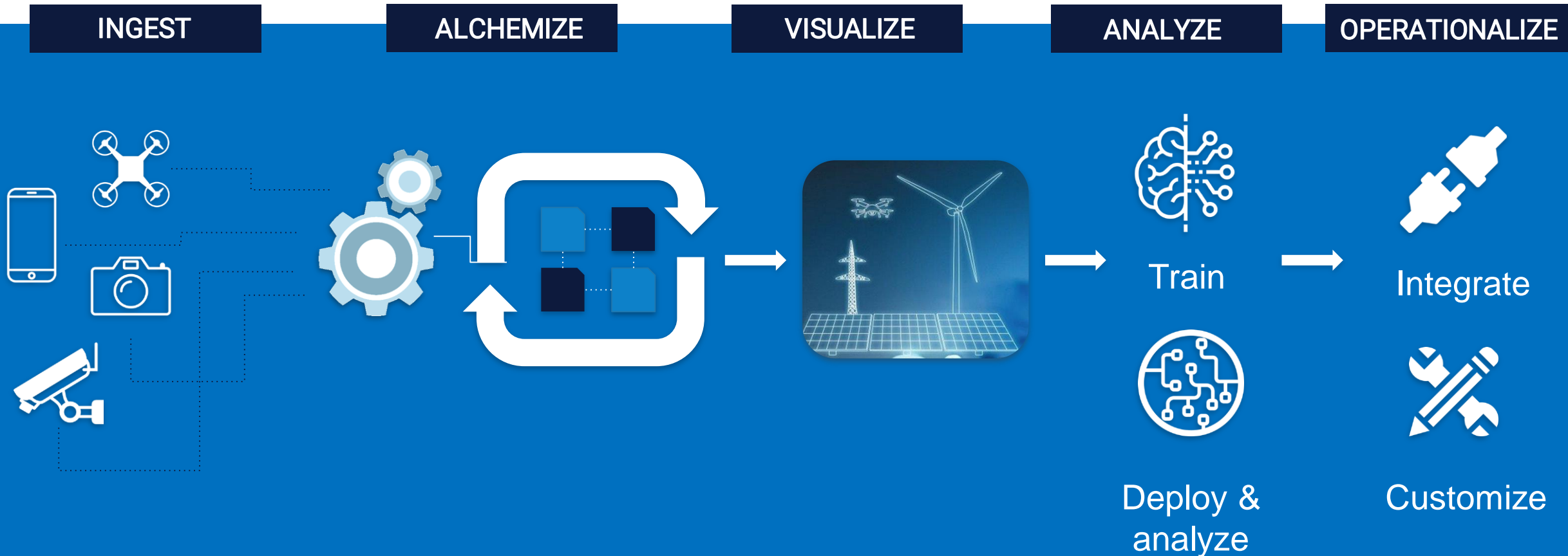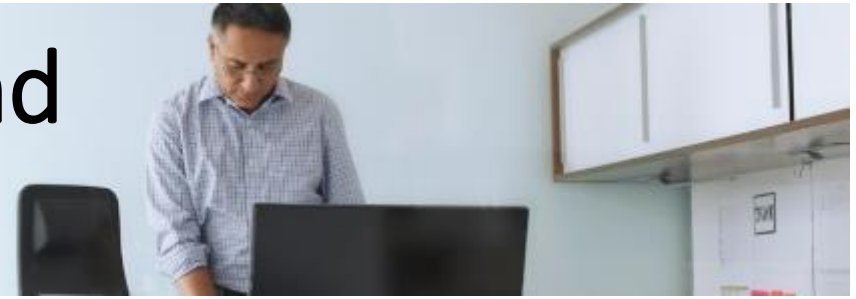- Integrate with internal business intelligence systems to drive actions

OPTELOS

Start your digital transformation journey.

Platform Architecture

Optelos Enterprise Asset Advisor™ Platform has all the essential features needed to operationalize any visual asset inspection program & enable your digital transformation journey.

Optelos Enterprise Asset Advisor™ and Microsoft Azure

Optelos on Azure provides an optimal and highly secure SaaS environment. Optelos also easily integrates with Microsoft Teams and Dynamics enabling better collaboration and driving direct impact

Solution Alignment

World Class Security	Robust Cloud Data Management	Seamless Integration
Optelos leverages Azure to provide the deepest and most comprehensive security compliance coverage in the industry	Azure Data Lake provides the ability to intelligently store and rapidly search visual data using Optelos patented data management core.	Utilize Microsoft Teams and Dynamics to act on Optelos driven decisions at scale