Enterprise Asset Advisor™ Platform
### 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

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<tr>
<th>Robust Data Management and Collaboration</th>
<th>Optimized Visualization and Aggregation</th>
<th>Rapid and Automated Resolution through AI</th>
<th>Simple Systems Integration</th>
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<tr>
<td>• Elegantly organize, store, share, search, annotate, and tag large visual data files</td>
<td>• Create reality based digital twins to easily solve complex problems and perform wide range of highly accurate measurements</td>
<td>• Identify issues and speed resolution through AI computer vision on collected data</td>
<td>• Easily integrate with Trouble Ticketing, dispatch, inventory and other EAM systems to provide sustainable results</td>
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<tr>
<td>• Secure collaboration and multiple privilege levels, provides all stakeholders the unique access they need</td>
<td>• Aggregate visual and non-visual data such as CAD and IoT to better manage asset life cycle</td>
<td>• Operationalize Inspection through visual recognition AI</td>
<td>• Deployable in Azure secure cloud environments</td>
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“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

Start your digital transformation journey.
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

Optelos leverages Azure to provide the deepest and most comprehensive security compliance coverage in the industry.

Robust Cloud Data Management

Azure Data Lake provides the ability to intelligently store and rapidly search visual data using Optelos patented data management core.

Seamless Integration

Utilize Microsoft Teams and Dynamics to act on Optelos driven decisions at scale.