



Odin™ Insight Generator

Intelligent Data Fusion

Automation for Speed to Insights



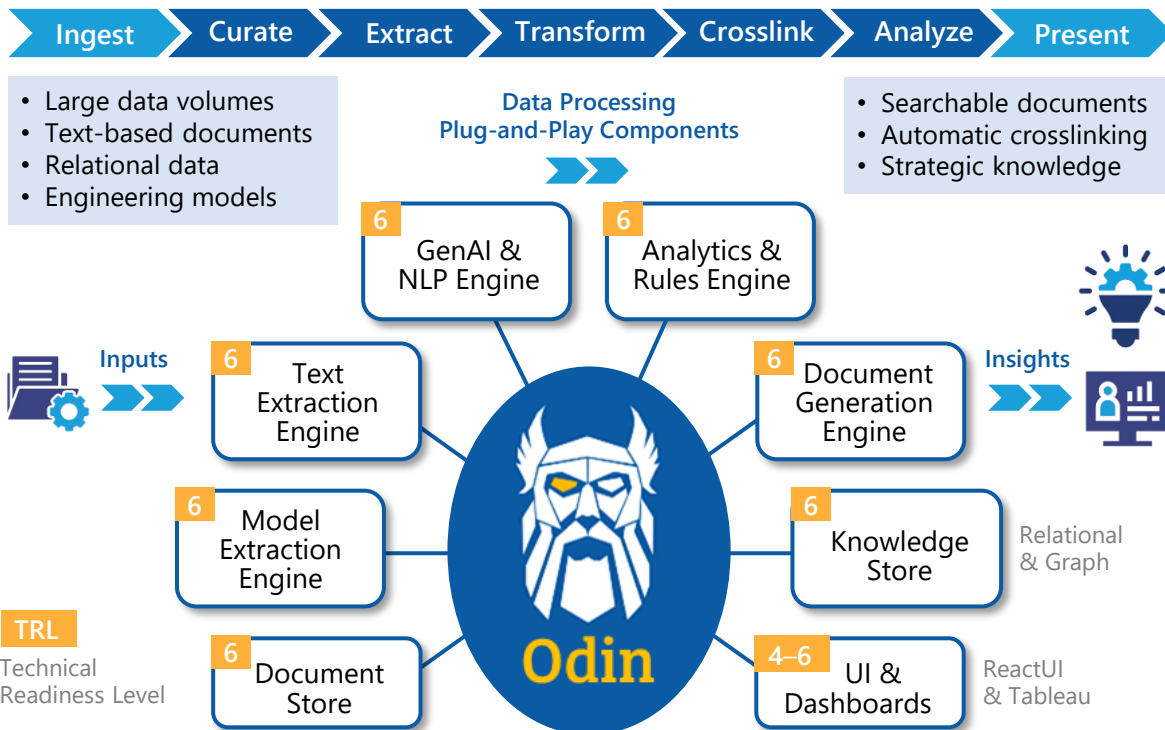
Illumination Works' Odin insight generator applies machine learning (ML) and natural language processing (NLP) innovation to perform intelligent data fusion and produce robust analytics for rapid understanding, actionable insights, and decision advantage.



Odin offers artificial intelligence (AI)-enabled data processing and decision support with reliable, repeatable processes to ease the manual workload of textual data processing, review, and insight extraction.

- **Rapidly Process Complex Data Sets**
 Quickly extract and load immense volumes of technical and engineering documentation
- **Assign Data Connections & Linkages**
 Ensure trusted, linked data for precision in downstream reporting and decision superiority
- **Curate & Organize Data for Understanding**
 Empower quick understanding of complex data sets with human-centric algorithms
- **Improve Operational Efficiencies**
 Mitigate risk inherent in manual processes, elevate accuracy, improve costs, and enhance readiness

Customizable Modular Framework & Process Automation



- Robust
- Intelligent
- Efficient
- Flexible
- Extensible
- Accurate

Customizable component combinations to solve a variety of business use case challenges



Component Customizations

Odin is designed with flexibility at its core. Components are synergistically combined to best support business objectives. To date, our team has built **four Odin customizations**, each targeted to address specific client use case challenges.

Customization



Technical Document Surveillance & Contract/Vendor Compliance

Automate verification of accurate and compliant data rights assertions and markings across vendors

Customization



Predictive Modeling & Comparative Analyses

Identify and correct erroneous data and implement predictive models and comparative analyses

Customization



Data Curation, Crosslinking & Document Generation

Automate document creation and intuitive reporting for improved product support and program management

Customization



AI Assistant/Chatbot

Human-in-the-loop interactive user interface interprets questions, queries sources, and delivers domain-specific responses for faster, smarter decision making



Functional Use Cases

Our team applies Odin's AI-driven textual data processing, review, and insight extraction processes across domains, functions, and platforms to significantly reduce end user task time and decrease cognitive burden.

Data Rights Verification *Weapon Systems*

Produces data surveillance and data rights markings verification to ensure contract requirements are delivered and accurately marked

Data-Driven Budget Planning *Financial Management*

Delivers cohesive, consistent, and data-driven way to equitably allocate annual budget execution planning across business units

Acquisition Lifecycle Management *Program Management*

Implements enabling technology for program management offices to develop and manage acquisition milestone reports, reviews, and requirements.

Risk Management Framework *Cybersecurity*

Detects security control implementations and generates high-quality initial authority to operation (ATO) content for cornerstone documents



The Odin Insight Generator is primed for customization and deployment into any organization wanting to accelerate and optimize document processing for operational efficiencies.

Contact Us Today

Reach out to learn how Odin can be customized to solve your toughest use case challenges!

Learn More about ILW



YouTube www.ilwllc.com



Jan Turkelson

Senior Vice President
jan.turkelson@ilwllc.com



Janette Steets, PhD

Associate Vice President
Defense Division
janette.steets@ilwllc.com



John Tribble

Director of Data Science
john.tribble@ilwllc.com