ILW is a Solution Enablement company founded in 2006 by Ohio-based technologists with deep expertise and experience in designing and building powerful data infrastructures and applications.

- **Small business**: ~100 employees, driven by imagination, inspiration, and ingenuity
- **Vision**: To become our customers’ first choice for innovative solutions
- **Mission**: Attract, empower and retain the best people in order to enhance our customers’ businesses
- **Expertise**: Deep experience with cutting-edge technologies for big data, advanced analytics, data warehousing, and business intelligence solutions

Data and technology are our areas of expertise...
We provide our customers with accurate and meaningful data tailored to their specific business needs and processes—helping them realize quick wins and long-term success.
ILW Core Capabilities

Enterprise Data Services
Advancing data from reactive and descriptive to proactive and prescriptive
- Big Data
- Advanced Analytics
- Data Science
- Data Warehousing
- Business Intelligence
- Data Integration
- Data Visualization
- Data Quality
- Enterprise Data Management

Increasing customer data ROI with innovative technology solutions to meet complex business and data challenges

Integration & Cloud Services
Enabling flexible, ubiquitous, convenient, on-demand access to computing resources
- System Integration
- Service Oriented Architecture
- Cloud Enablement
- User Experience

Enterprise Program Services
Maximizing the value of technology investments to achieve data innovation
- Portfolio/Program/Project Management
- Requirements Analysis & Management
- Strategy & Enterprise Roadmap
- Process Improvement/Modernization
- Quality Assurance & Testing
- Organizational Change Management
- Training & Coaching

- Application Development
- Enterprise Architecture
- Internet of Things
- Mobile Application Development
- Software Engineering (COTS, FOSS, custom)
ILLUMINATION WORKS, LLC PROPRIETARY

OUR CLIENTS

ILW provides traditional, big data, and agile services that span a variety of
government and commercial industries

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<thead>
<tr>
<th>Industries</th>
<th>Government</th>
<th>Commercial</th>
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<tr>
<td>Aerospace</td>
<td>AFMC/A4N</td>
<td>Top 25 grocery retailer</td>
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<tr>
<td>DoD</td>
<td>AFPEO C3I&amp;N</td>
<td>Power, thermal, and infrastructure company</td>
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<td>Air Force Logistics</td>
<td>AFIT COA</td>
<td>Premium, luxury, and sports eyewear retailer</td>
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<tr>
<td>Civil Engineering</td>
<td>AFLCMC/EZP</td>
<td>Large propane distributor</td>
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<td>Intel</td>
<td>AFMC/PK</td>
<td>Educational content services company</td>
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<tr>
<td>Education</td>
<td>AFRL/RQ</td>
<td>Upscale American clothing retailer</td>
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<td>Energy</td>
<td>AFOSR (AFIT)</td>
<td>Financial and merchant services company</td>
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<tr>
<td>Entertainment</td>
<td>B2 SPO</td>
<td>Private air transportation provider</td>
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<td>Retail</td>
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<td>Transportation</td>
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Existing ILW customers have benefited from Big Data advanced analytics

- Improved understanding of customer micro-segmentation
- Advanced supply chain optimization
- Reduced costs in packaging and stocking
- Enhanced fraud detection capabilities
- Maximized efficiencies in a centralized/decentralized distribution model
- Reduced costs of facility energy consumption
- Enhanced tactical spending on marketing programs

Solving specific client problems with advanced analytics is at the core of what we do
Our virtual ILW Innovation Lab gives attention to technological advances, allowing us to bring solutions in at a fraction of status quo cost.

Sample projects include:

- **Text analytics modeling** for condition based maintenance (CBM) outcomes for aircraft and support equipment.
- **Master data management (MDM) integration pipeline** capability for systems to systems integration with high-fidelity data. Android and iOS applications to leverage text analytics capabilities for maintenance personnel.
- **Health care prediction models** leveraging text analytics and Hadoop.
- **Real-time online search capability** for remote deposit capture and fraud detection.
- **Network intrusion detection and traffic monitoring** on large scale networks leveraging Hadoop and Spark.
- **Content filtering and search** for advanced learning using an Amazon Web Services and Databricks big data solution.
- **Automated ingestion framework** using Java Spring-XD based big data.

Innovations allow business breakthroughs—leveraging technology in solution delivery is what we love.
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