



# An Introduction to MILL5

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## Website

[www.mill5.com](http://www.mill5.com)

## Headquarters

33 Broad Street  
Suite 320  
Boston, MA 02109

## Telephone

(888) 245-1923



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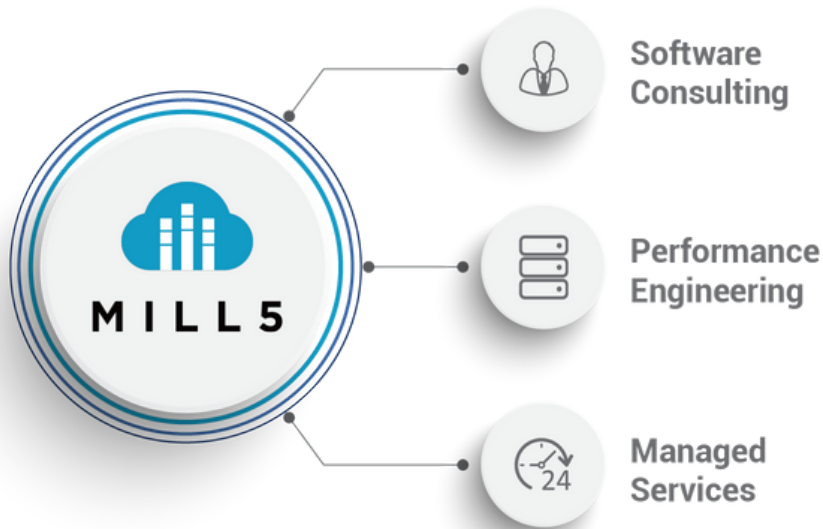
# About Our Company

Since 2015, MILL5 has been at the forefront of building cutting-edge software applications and products. Our unwavering commitment to excellence enables us to drive impactful results through our comprehensive range of services, including Software Consulting, Performance Engineering, and Smart Managed Services.

As a team of technology experts, we possess the expertise and experience to develop, implement, and execute game-changing solutions across various domains. Our proficiency spans AI, ML and Data, Cloud, IoT, Modern Applications, Productivity, and Security, empowering our clients to harness the full potential of these transformative technologies.

Collaboration lies at the heart of our success. We forge engagements with businesses from diverse industries, including financial services, healthcare, manufacturing, retail and consumer goods, transportation, and utilities. By understanding the unique challenges and opportunities each industry presents, we tailor our solutions to drive maximum value for our clients.

With a global presence spanning four countries, namely the United States, Colombia, Argentina, and India, MILL5 boasts a truly international footprint. This enables us to assemble teams comprising top-tier talent from around the world while providing our clients with competitive, value-based pricing. We believe that our diverse perspectives and cultural exchange fuel innovation and ultimately contribute to the success of our clients.





# Core Services



MILL5's core services encompass Software Consulting, Performance Engineering, and Smart Managed Services. We provide comprehensive expertise and solutions to drive optimal software performance and deliver exceptional client value.

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## Software Consulting

MILL5's Software Consulting offers expert end-to-end application and systems development. We empower businesses to leverage cutting-edge technologies with a focus on artificial intelligence, machine learning, data, and analytics.

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## Performance Engineering

Our Performance Engineering integrates development, cloud, AI/ML, and DevSecOps, guaranteeing quality, stability, scalability, security, availability, and governance throughout your technology stack. Our rigorous testing methods of your software applications ensure optimal efficiency, scalability, and user experience while limiting downtime.

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## Managed Services

Our Smart Managed Services provide 24/7 comprehensive support and maintenance for your applications, allowing you to focus on core objectives while leveraging our expertise to ensure smooth operations, bug fixes, and continuous management of your software.

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# Software Consulting

The core focus of MILL5 is our Software Consulting services.

We consistently create innovative solutions that help our clients launch software products and offerings that have set themselves apart from their competition. Our success has resulted in numerous long-term, strategic relationships with our customers.

## Cloud

Establishing robust cloud infrastructures while maximizing resources and minimizing costs.

## Data and AI

Integrating AI, ML, and data to get predictive analytics that accelerate your business forward.

## Internet of Things

Building a communication fabric of secure devices and things that gather and share information.

## Modern Applications

Developing modern applications using cloud-based architectures that are customized to your needs.

## Productivity

Rolling out remote work capabilities that are effective, scalable, and secure for your staff and the entire organization.

## Security

Protecting your customers, devices, and data through rigorous testing and security. Our applications are built to exceed industry regulations.





# Our Work with Emerson Electric



MILL5 performed a comprehensive architecture review of Emerson Electric's existing SCADA platform. Emerson needed professional guidance and hands-on consulting from an experienced software team, to move beyond its current SCADA platform to Industrial IoT (IIoT), and bring the platform successfully to the Edge. MILL5's extensive experience in building real-time cloud and on-premises IoT, web, desktop, and mobile solutions provided Emerson with the next-generation platform for all their SCADA products.

## Client Overview

Emerson Electric Co. designs and manufactures industrial products, software, and systems delivered to commercial and consumer markets worldwide.

**Industry:** Industrial Machinery Manufacturing

**Size:** \$20 Billion in Revenue; 20,000 Employees

**Location:** St. Louis, Missouri, United States

## Results of Our Work

- Moved outdated SCADA system to cloud-based IIoT platform, saving Emerson \$1 million+ in technology costs.
- Created a new revenue stream for Emerson with our SaaS-based fleet management monitoring solution, used by 1,000+ clients today.
- Developed cloud-based offering for on-premise sales.
- Provided consulting services, DevSecOps, technical due diligence, automated runbooks, and application scaling services.



# Performance Engineering

Performance Engineering is a core discipline of MILL5's end-to-end consulting services.

With the creation of new software applications, the quality of the code is critical for the operation and reliability of your products. MILL5 has a dedicated team that identifies gaps in quality through automated testing in lower environments to address issues such as performance, user experience, and/or functional requirements (i.e., addressing any failures and errors). This includes DevSecOps, MLOps, Automated CI/CD, Automated Runbooks, and Application Scaling Services.

Our goal is to ensure confidence in optimal performance when rolling out new software applications.

## Optimal System Performance

Performance Engineering ensures that your software application meets performance requirements, avoiding bottlenecks and delivering a positive end-user experience.



## Cost and Resource Efficiency

Our Performance Engineering reduces the need for costly fixes by proactively addressing performance issues early in the development process, thus saving time, effort, and resources once the software application is live.



# Our Work with Alyce



MILL5 supported AI business gifting company, Alyce, in providing consulting, software development, and performance engineering services. As Alyce's business quickly grew, it required assistance with raising Series B funding, reducing gifting costs, and enhancing its technology operations. Serving as interim Chief Technology Officer and later deploying two software development teams, MILL5 was able to successfully achieve funding, implement custom automated software to improve the speed of gifting delivery and associate costs, and negotiate a substantial reduction in cloud expenses, while improving current cloud support.

## Client Overview

Alyce, Inc. is an AI-powered business-to-business gifting company, offering personalized direct mail, swag, and gifts through their account-based marketing software platform.

Industry: Software Development and Distribution  
Size: \$40 Million in Funding; 200 Employees  
Location: Boston, Massachusetts, United States

## Results of Our Work

- Reduced delivery time for gifts by 2-3 days.
- Cut operational costs by 50%.
- Assisted company leadership team in raising Series B funding.
- Decreased cloud costs by 20%.
- Served as Interim Chief Technology Officer and led the hiring of a new CTO.
- Provided new feature development, SOC 2 compliance, Series B consulting, cloud cost optimization, and migration from Amazon Web Services to Google Cloud Platform.



# Managed Services

Smart Managed Services is a critical phase of maintenance to ensure your software applications and products operate without interruption.

MILL5's Smart Managed Services can fill in a gap for an IT system or person while offering you comprehensive 24/7 coverage at an efficient cost. We deliver dedicated cloud and application monitoring and remediation, ensuring uptime, feature upgrades, and bug fixes. Our Smart Managed Services are provided from a near-short location.

**24/7**

Proactive Maintenance  
& Support

**30%**

Average Reduction in  
IT Costs

**100%**

Effectiveness  
Efficiency







# Our Work with Olympus Corporation

## **OLYMPUS**<sup>®</sup>

MILL5 partnered with Olympus Corporation to enhance their current smart operating room video technology, focused on situational awareness. By integrating AI intelligence and ML into Olympus' suite of IoT software, MILL5 was able to improve operating room turnover time, reduce procedure times, and improve staff organization, while keeping video data securely at the Edge to allow for analysis. Due to the success of our implementation, we were engaged by Olympus to develop and deliver next-generation solutions across their surgical and non-surgical offerings. Additionally, MILL5 displaced existing vendors at Olympus to provide data-analytics, cloud and AI strategy and solutions, software solution development, M&A analysis, and MSP services for teams across the globe.

### Client Overview

Olympus Corporation is a global manufacturer of medical equipment and technologies, particularly optics and reprography projects.

Industry: Medical Equipment Manufacturing

Size: \$25 Billion in Revenue; 35,000 Employees

Location: Shinjuku-ku, Tokyo, Japan

### Results of Our Work

- State-of-the-art workflow, routing, and edge devices.
- Connected platform to over 10,000 devices with fleet management, telemetry, heartbeat, and licensing services.
- Cost-effective global, always-on reliable cloud infrastructure with regional compliance (U.S., Canada, EU, JP, and AsiaPac).
- Reduced operational costs via OTA and side-loaded updates.
- Provided existing and next-gen smart-OR product consulting, IoT strategy and health cloud services, DevSecOps and MLOps providing cloud runbooks, and Smart-MSP services.

# We Are Proud To Work With



## We Are Proud To Partner With





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# Our Leadership



**Richard Crane**

Founder & Chief Technology Officer  
rich@mill5.com



**Shri Bhupathi**

Founder & Technical Fellow  
shri@mill5.com

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# Thank You

We sincerely appreciate your time and consideration in exploring MILL5 as a trusted partner. Your interest is truly valued and drives us to continuously enhance our services and solutions. Thank you for considering MILL5.

**Where Innovation Happens**

## Locations

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