



machnation

---

LITMUS AUTOMATION RATED  
AS A LEADING VENDOR IN  
MACHNATION'S 2018 IOT EDGE  
SCORECARD

---

January 2018

# LITMUS AUTOMATION RATED AS A LEADING VENDOR IN MACHNATION'S 2018 IOT EDGE SCORECARD

## Introduction

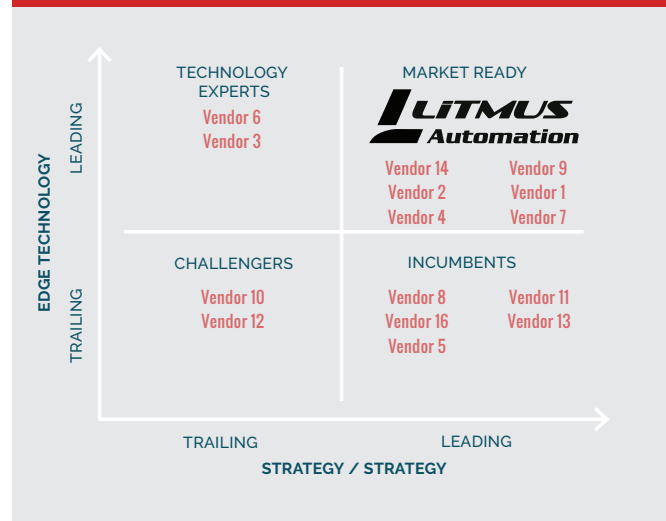
Edge platforms are beginning to play a vital role in the Internet of Things (IoT) ecosystem. Businesses deploying IoT solutions recognize that many optimally designed IoT solutions, especially those in the industrial vertical, take advantage of one or multiple edge components. In fact, MachNation research suggests that most IoT solutions in verticals such as manufacturing, oil and gas, building automation and logistics will be required to leverage edge computing in order to meet business and operational requirements.

## IoT Edge

IoT edge platforms are distributed technology and processing architectures that bring certain computational and analytics capabilities near the point of data generation. Edge platforms enable certain processes to be decentralized and to occur in a more optimal physical location. This creates more secure, reliable and scalable IoT deployments, while also offering new opportunities for both existing and nascent IoT solutions to generate business value.

MachNation rated 16 IoT edge vendors across a set of requirements spanning four categories. The four categories of requirements consist of 19 sub-requirements that are the underlying bases of MachNation's rating.

## MachNation IoT Edge ScoreCard 2018 Technology vs. Business / Strategy



The four categories are:

- Edge data processing
- Edge management
- Architecture and integration
- Strategy and business

Based on MachNation's in-depth analysis of 16 vendors, MachNation rates Litmus Automation as a leading IoT Edge vendor.

Below, we describe some of Litmus Automation's unique strengths and differentiators cited in MachNation's ScoreCard.



### Litmus Automation Overview

Founded in 2013, Litmus Automation is an IoT middleware company with offices in San Jose (USA), Toronto and Tokyo. Founded by a team with expertise in industrial and automation technology/processes, the company has two product in the market, Loop and LoopEdge. Loop is a cloud-based IoT enablement layer while LoopEdge is an enablement layer designer for enterprise and industrial applications deployed near the source of data generation. Loop Edge is focused on IoT edge application development and ingesting, pre-processing and sending data to the cloud. LoopEdge also integrates with Loop to enable cloud-based monitoring and management of IoT solutions.

Litmus Automation has a particularly strong offering in the growing IoT edge ecosystem. MachNation believes this strength comes from a deep portfolio of tested industrial integrations; a modern and intuitive set of user interfaces; and an app marketplace for ecosystem-built edge applications and drivers. In particular, MachNation cited Litmus Automation's unique strengths in the following areas:

**Litmus has a deep portfolio of tested industrial integrations.** While many platforms claim support for a wide variety of industrial protocols, Litmus has conducted real-world testing and provides certifications to ensure that things work out-of-the-box. Going the extra mile by verifying interoperability adds significant value

to customers, because many industrial systems have custom components and protocols.

**Litmus' LoopEdge and Loop Cloud have modern and intuitive user interfaces.** LoopEdge runs on Windows or Linux -based gateways and industrial PCs and offers a web-based UI for management. The UI makes it easy to monitor and manage individual edge deployments. Meanwhile, Loop Cloud offers unified views across multiple LoopEdge instances for centralized monitoring and management of edge deployments.

**Litmus offers a marketplace for ecosystem-built edge applications and drivers.** An app marketplace helps drive ecosystem development and makes it easier to bring solutions to market using pre-built applications. Litmus makes it possible to easily leverage off-the-shelf components including applications and drivers to assemble edge solutions. This conserves customer development resources by enabling reuse of existing marketplace accessible solutions.

### Conclusion

Based on MachNation's in-depth analysis of 16 IoT edge vendors, MachNation rates Litmus Automation as a leading IoT Edge vendor.

MachNation is the only insight services firm exclusively dedicated to covering the future of Internet of things (IoT) middleware, platforms, applications and services. MachNation specializes in understanding and predicting these technology sectors including their impact on digitization, hardware, communication services and support tools. MachNation specialists have provided guidance to the majority of the world's leading IT and communications firms.



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