INTEGRATION



SNAPSHOT 2018/2019

During the November MuleSoft Summit, we asked delegates to tell us about their progress with integrating their systems and applications. Here is what they told us:

How do you currently connect your systems & applications?

00

Point-to-point integration

120

When a company has just a few systems and applications to connect, point-to-point integration is a simple way to achieve connectivity. However, as more systems and applications are added to a company's ecosystem over its lifetime, integrations can become an IT headache.

37%

API-based platform

API-led connectivity provides an approach for connecting and exposing assets through modern APIs. With an API strategy, rather than connecting things point-to-point, every asset becomes a managed, modern API which is discoverable, usable, and reusable through self-service without compromising governance or security.

20%

Combination point-to-point & API-based integration

Larger enterprises may have amassed over a thousand applications and systems over the years. As they start embracing API-led connectivity, there will be a transition period when old, direct integrations and API-based integrations will co-exist until their entire ecosystem becomes seamlessly connected via APIs.







•

ona On prem

Although cloud integration has made big strides on the security front, there can be latency issues if a company wants to exchange data between cloud and on-promise applications. In such cases a hybrid approach would help not only as a transitory solution, but also by better managing traffic between applications on the cloud and on-promise.

What are the main drivers for API-led integration?

Technology drivers

Business drivers

		Legacy systems modernisation	Faster time-to-market		
	71%			43%	
	54%	Single, 360 view	Business agility & insights		
				37%	
	54%	Accelerate digital adoption	Improved efficiencies	20%	
	Legacy s	systems can present a real barrier to m	nodernising the entire business. Siloed	d	

data, workflow issues, unknown dependencies, downtime and re-coding requirements are only some of the challenges IT departments face, and comes as no surprise that the modernisation of legacy systems was selected as the number one priority for IT.

In the era of on-demand culture and instant gratification, speed and agility are key

to continuous success. Creating a fully connected ecosystem, means that data are accessible in real-time and therefore the business can make faster, more informed decisions and considerably reduce time-to-market.

Challenges to becoming a connected business

	56% Legacy middleware	48% Hand-coded integrations
	55% Lack of skillset	39% Lack of strategy
hig	hlighted under the technology	drivers for adopting an API-led appr

Already highlighted under the technology drivers for adopting an API-led approach to integration, legacy middleware and hand-coded integrations can seriously hinder efforts to gain a competitive edge and to meet changing business initiatives. APIs expose data in a way that protects the integrity of legacy systems and enables secure and governed access to the underlying data. This allows organisations with older systems to adapt to modern business needs and, more importantly, quickly adopt new technologies and platforms.

Although legacy systems may prevent an organisation from achieving its goals, it is the lack of strategy and skillset that can cause more long-term obstacles even after the implementation of an API-based platform. With no strategy in place, initiatives may soon lose their focus and consequently provide little or no ROI. Similarly, lack of skillset can also damage the expected ROI by not integrating with reusability and scalability in mind.



WHISHWORKS is a MuleSoft Strategic Partner, systems integrator, value added reseller and connector developer. With well over 100 successful implementations across different industries and geographies, we help our customers accelerate their integration projects and make the most out of their legacy and live infrastructures.

