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## **Set the Right Integration Foundation for Digital Transformation**

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May 1, 2019

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**Digital transformation →**  
*prepare for an unpredictable future*

**Digital business design →**  
*integration to create sustainable business agility*

**Agile-plus-architecture →**  
*collaboration & practice to build an open future*

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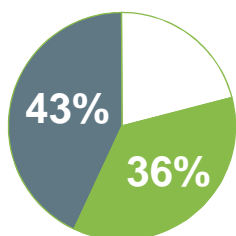
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## Digital transformation is the new norm

When told. . .

- “A digital transformation is a business transformation that uses technology to **continually improve** customer outcomes and operational agility. The digital transformations go beyond creating digital touchpoints and **revitalizes the ways the business creates and captures value** for customers.”



. . .43% of decision makers that say:

- We are currently undergoing a digital transformation
- We completed our digital transformation in the past 12 months

. . .36% of decision makers that say:

- We are always in a state of digital transformation

Base: Services decision-makers at enterprises globally, n=2,570  
Source: Forrester Business Technographics® Business and Technology Services Survey, 2018

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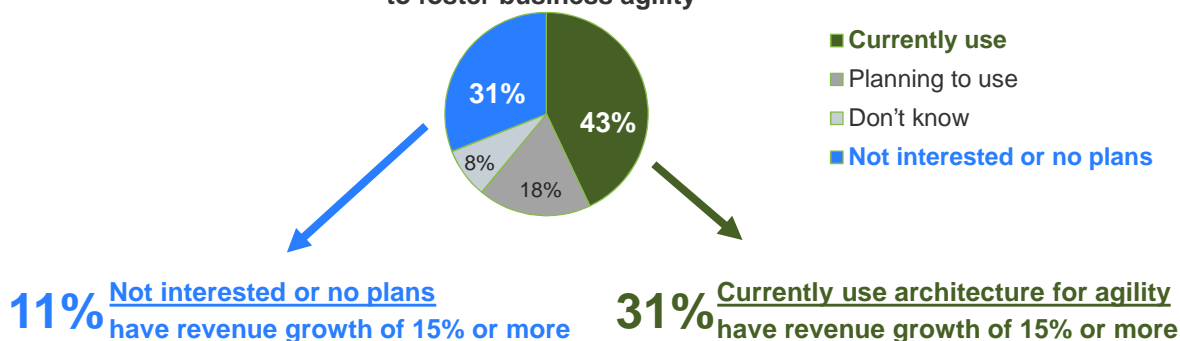
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## Architecture for agility correlates with higher growth

Which of the following architecture styles does your organization currently use or plan to use?

Architecture strategy and design  
to foster business agility



Base: Developers who work full time, n=3,111  
Source: Forrester's Business Technographics® Business and Technology Developer Survey 2018

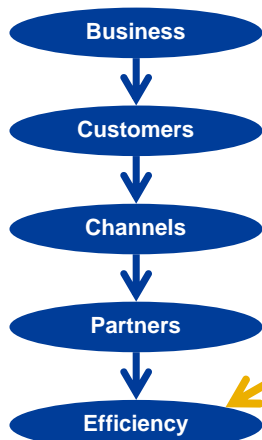
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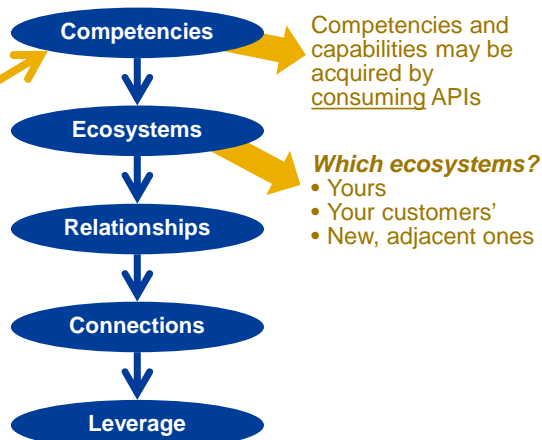
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## Open business: APIs reframe business strategy

### Traditional business



### Open business



Where business design begins for:

- Business agility
- External integration

Competencies and capabilities may be acquired by consuming APIs

**Which ecosystems?**

- Yours
- Your customers'
- New, adjacent ones

Source: "How APIs Reframe Business Strategy" Forrester report

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## Digital creates pressure for continuous change

### › Digital disruption:

- Startups steal customers; old firms get Amazoned

### › Digital transformation:

- Preparing to dish out your own disruption



#### Great billiards

Make the crazy four-ball shot into the side pocket – and drop an extra ball in the corner

#### World-class billiards

Do that *and* leave the cue ball setup for the next shot

Reference: "APIs Underpin a Digital Business Platform" Forrester report

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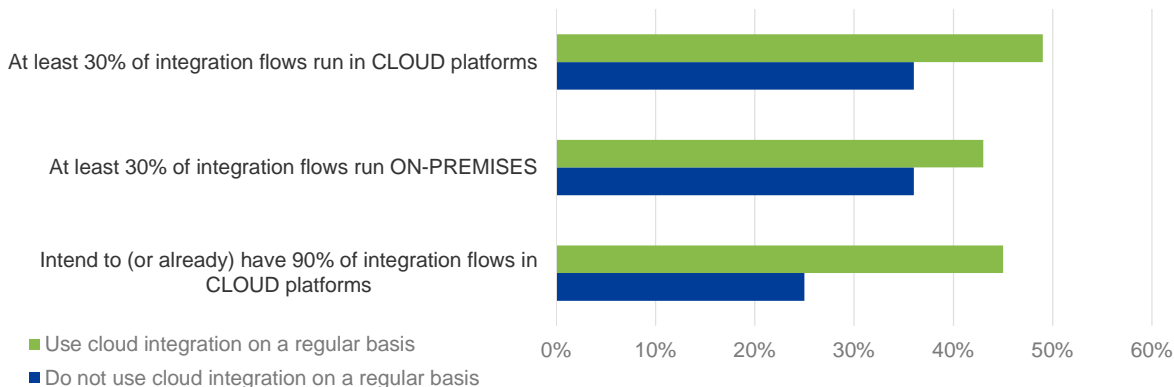
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## Cloud integration is taking hold, but not taking over

Where integration flows run for developers that do / do not  
 regularly use cloud integration services



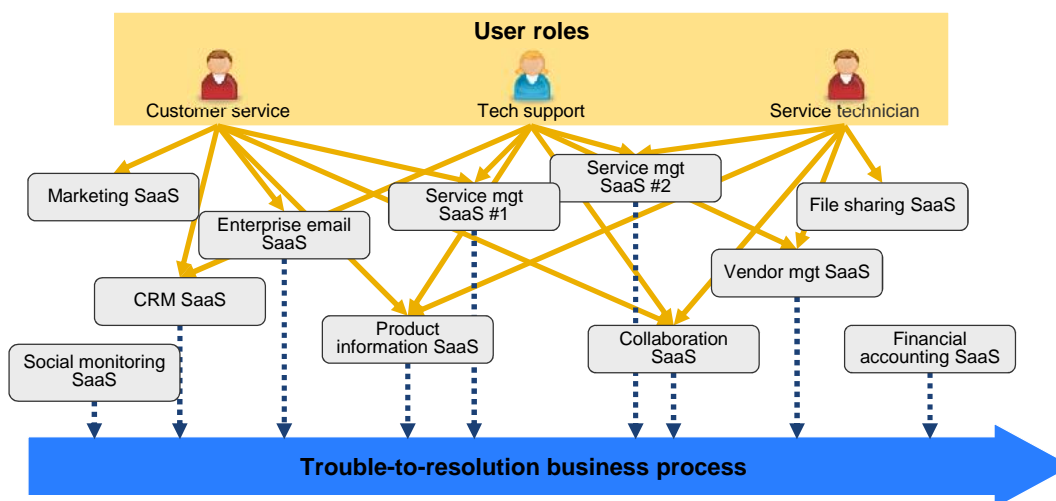
Base: Global developers who have (n=267) or have not (n=1370) developed with cloud-based integration services on a regular basis  
 Source: Forrester Data Global Business Technographics® Developer Survey, 2018

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## SaaS silos fracture UX and business processes



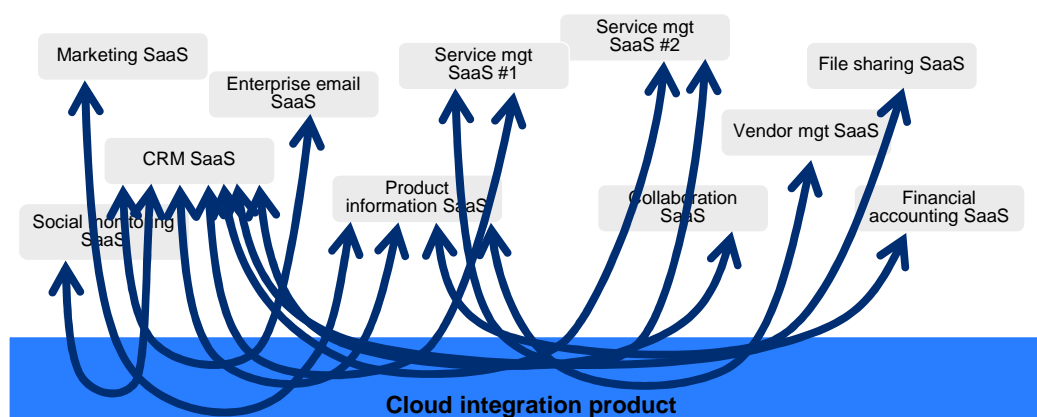
Source: "Options For Integrating SaaS Applications" Forrester report

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## Typical cloud integration pattern: Techie

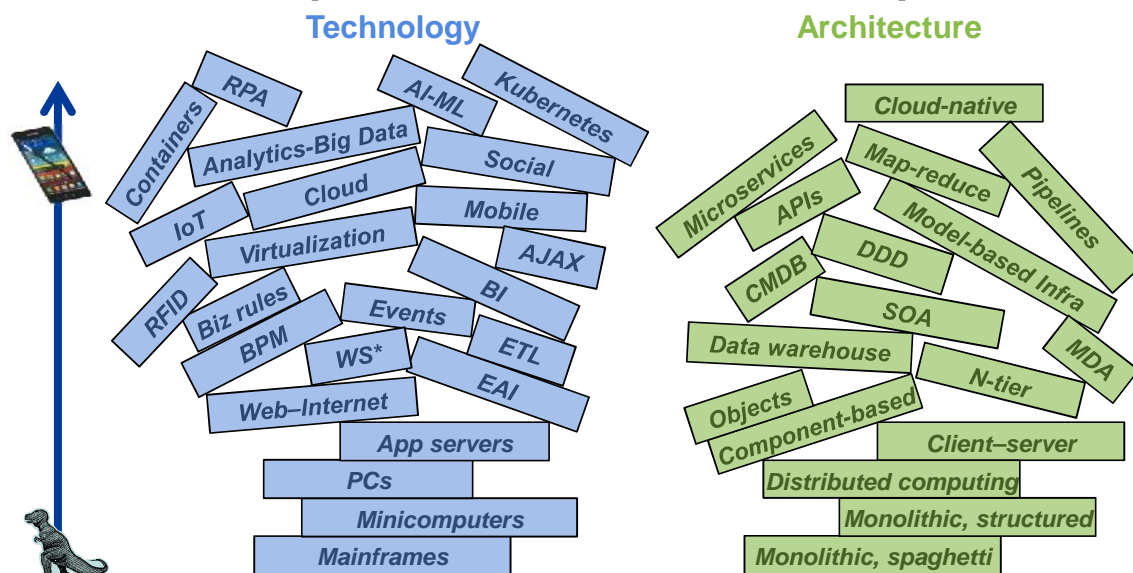


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## A continual explosion in the tech landscape



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## Your tech landscape is London; you need New York

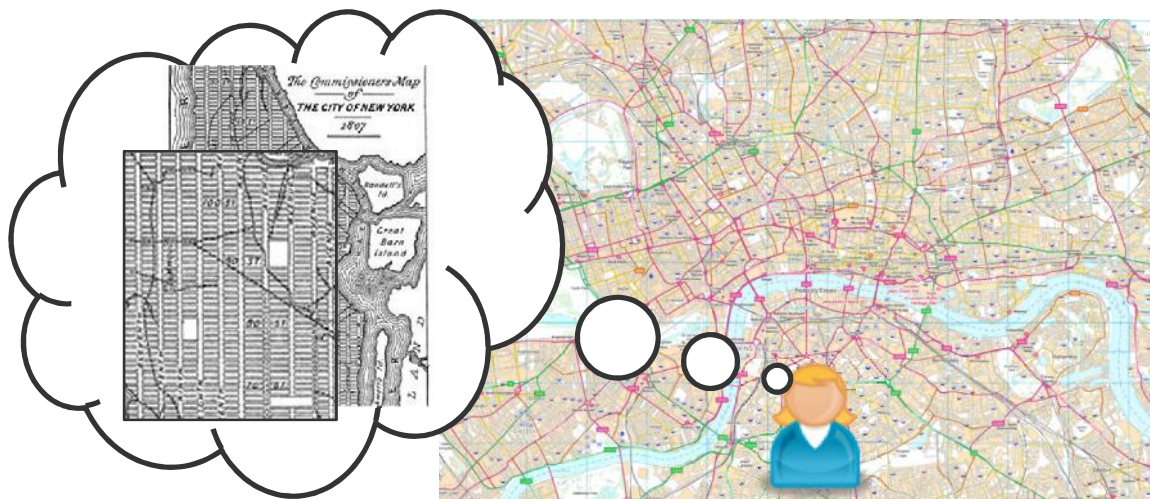


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## So, contain the complexity behind business design



Logically speaking, treat a piece of London as if it were designed like New York City

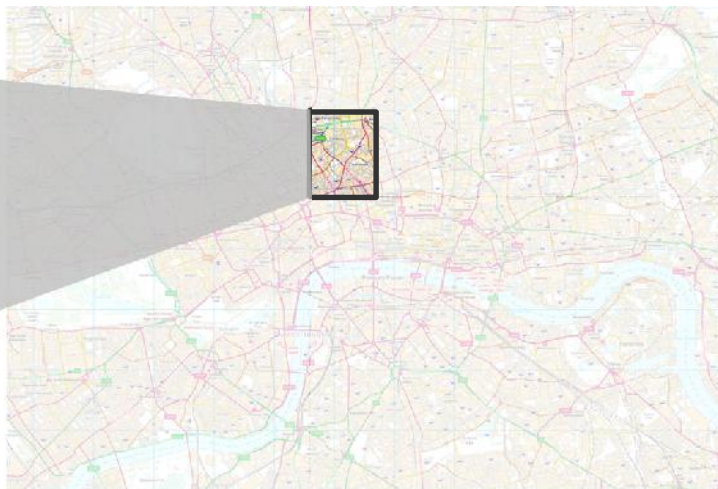


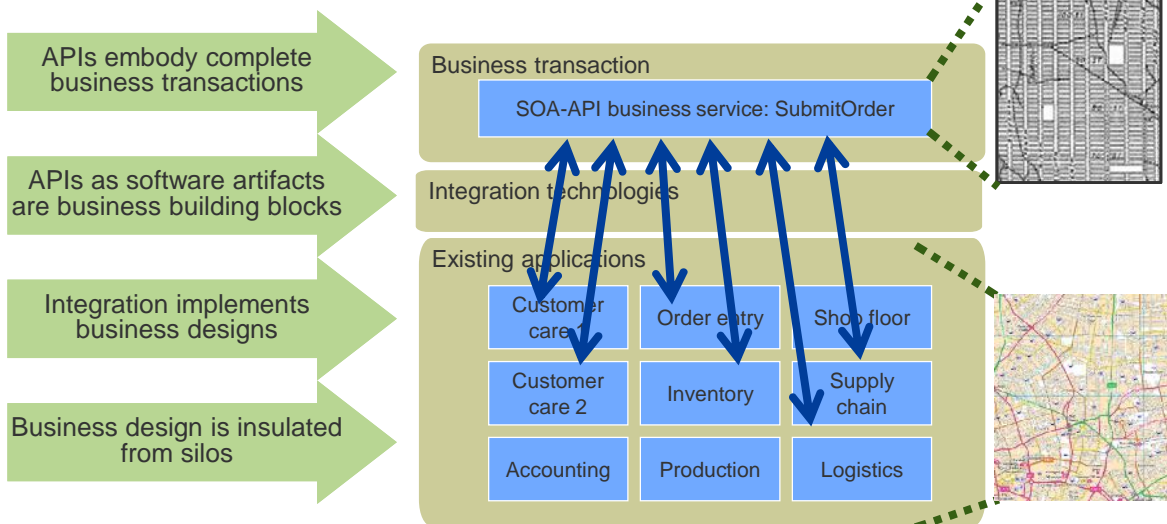
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## Business building blocks enable agility



Reference: November 2012 "Digital Business Design Is The New Integration" Forrester report

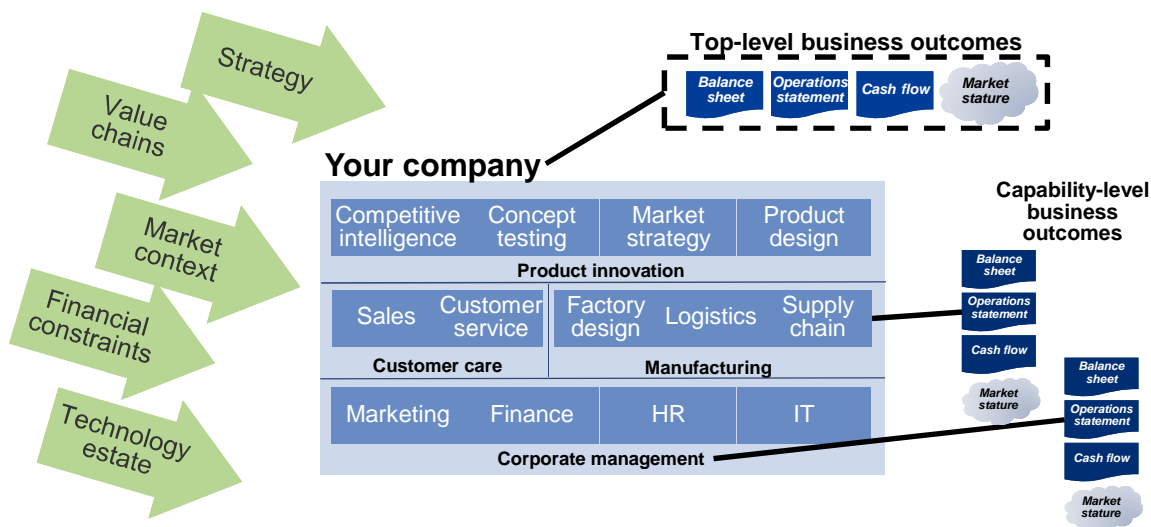
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## Design a modular digital business

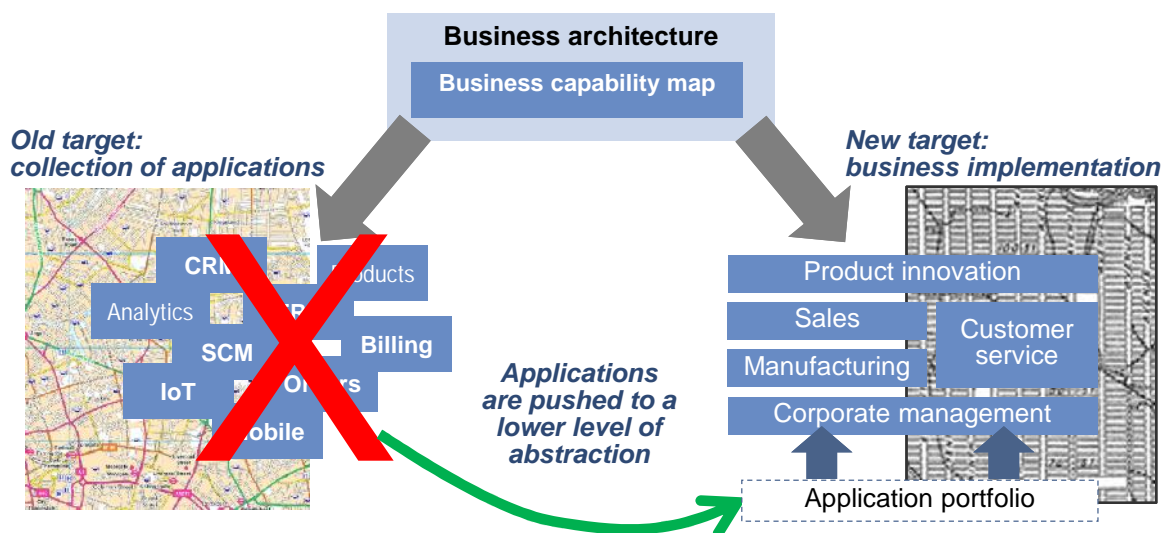


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## Then target a business implementation



Source: December 2010, "Business Capability Architecture: Use Business Outcomes To Drive Technology Strategy" Forrester report

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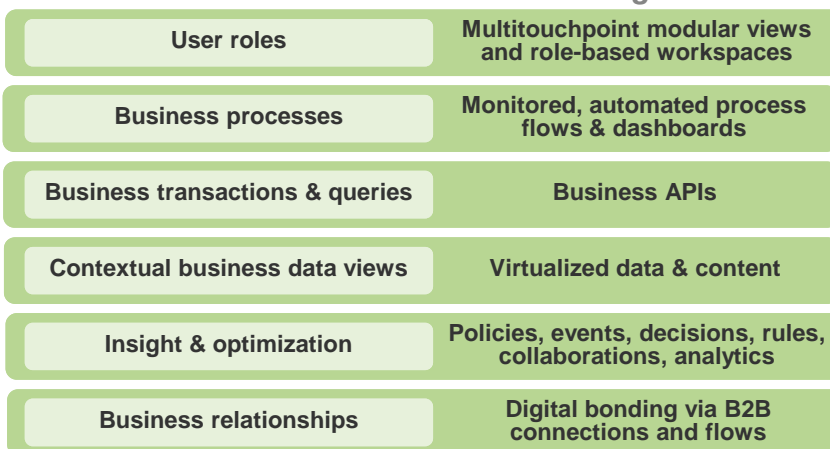
## APIs are the foundation of digital business design

### Digital business



**Customer service**  
digital business capability

### Digital business design...



### ...embodied as business building blocks

Multitouchpoint modular views and role-based workspaces  
Monitored, automated process flows & dashboards  
Business APIs  
Virtualized data & content  
Policies, events, decisions, rules, collaborations, analytics  
Digital bonding via B2B connections and flows

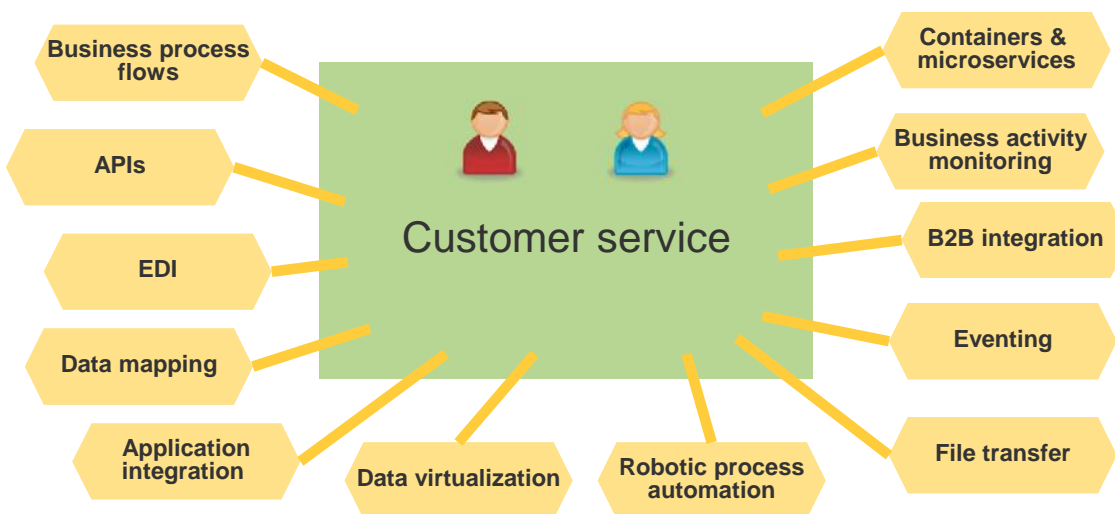
Source: "Digital Business Design Is The New Integration" Forrester report

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## Multiple integration styles deliver business design



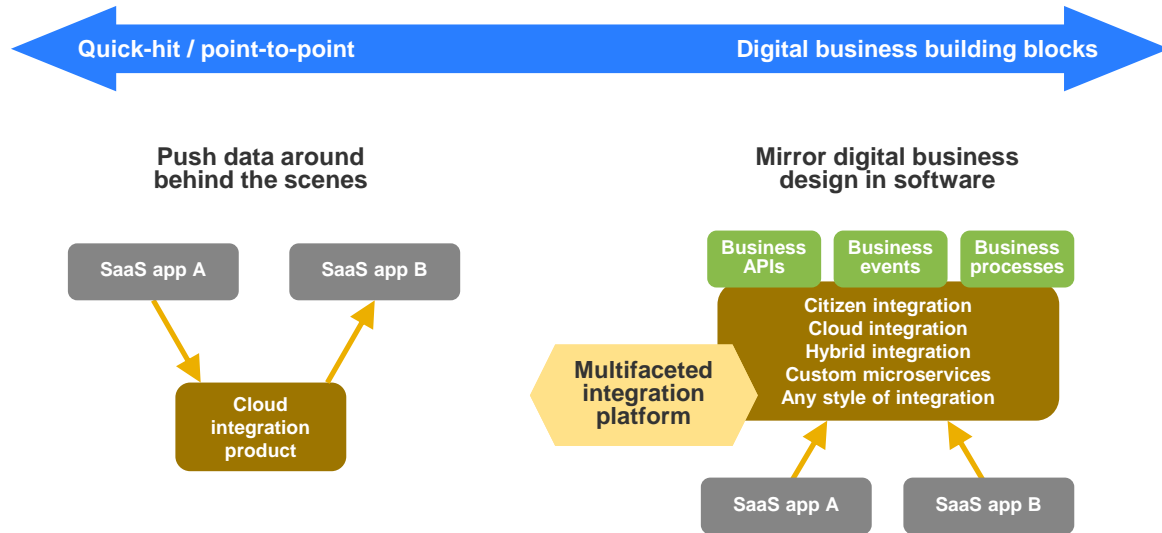
Reference: "Digital Business Design Is The New Integration" Forrester report

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## A continuum of very different integration approaches



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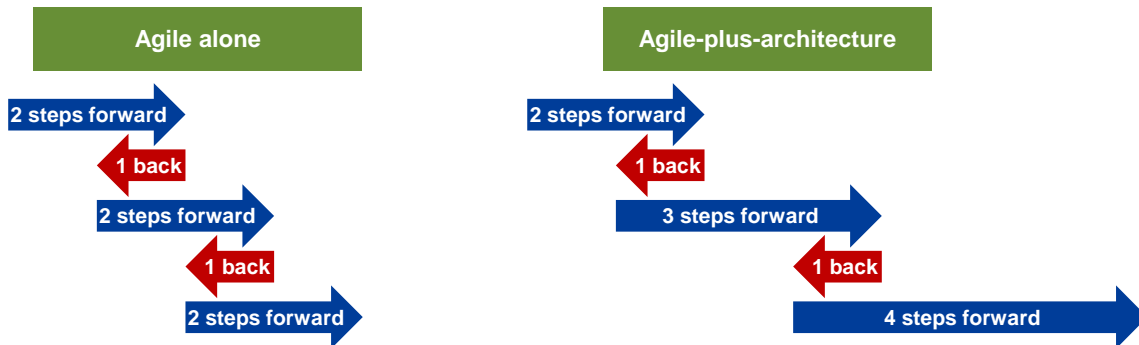
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## Digital business needs sustainable business agility

### › Sustainable business agility:

- Continually making one business change after another, large or small...
- ...in ways that make future changes easier...
- ...or at least in ways that do not adversely affect the ability to make future changes.



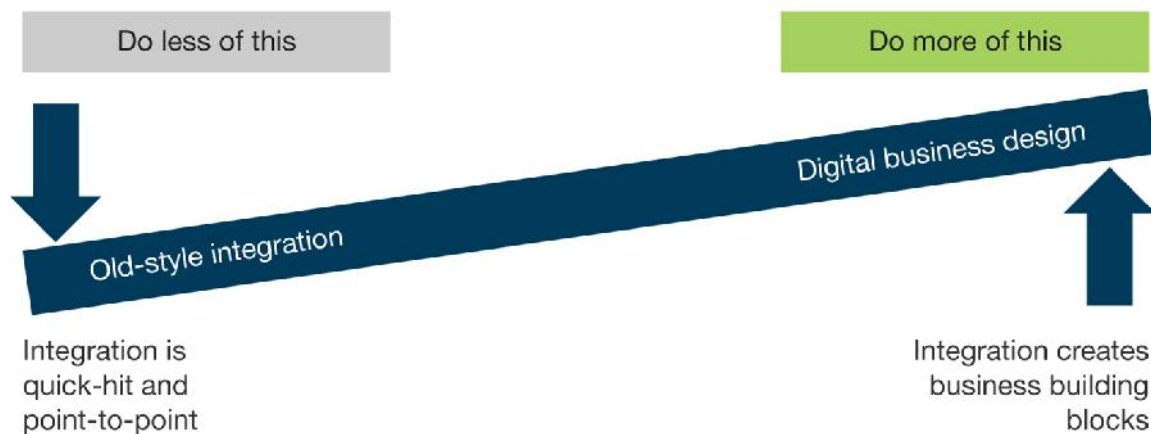
Source: "Architect For The Next Digital Decade" Forrester report

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## Integration is a design center for digital business



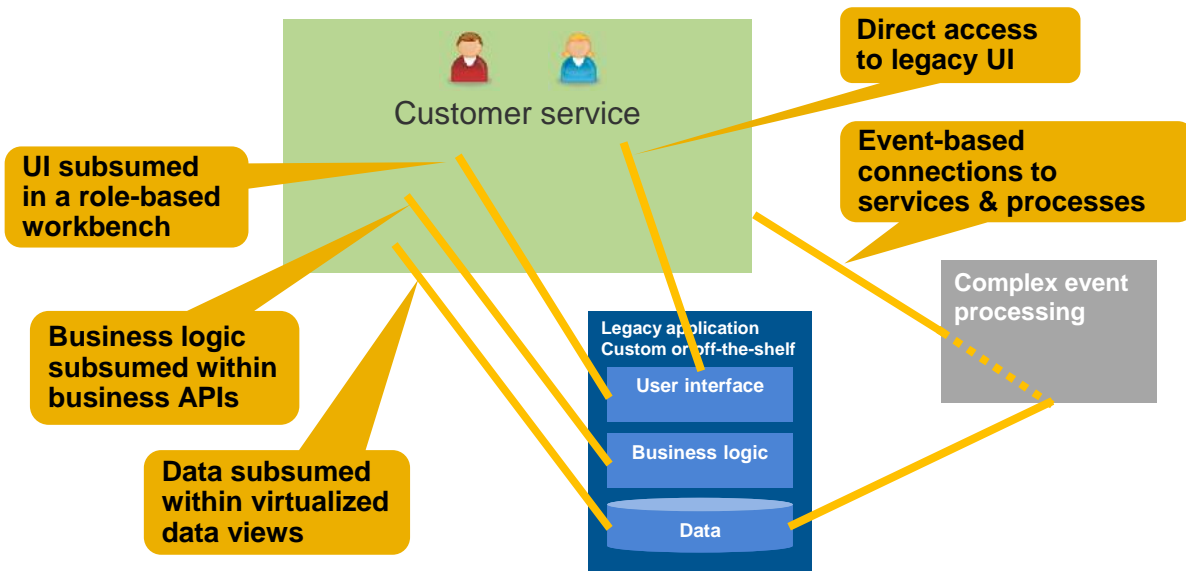
Source: "A Developer's Guide To Forrester's Strategies For Integration And Digital Business Platforms" Forrester report.

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## Patterns to hide legacy with business design

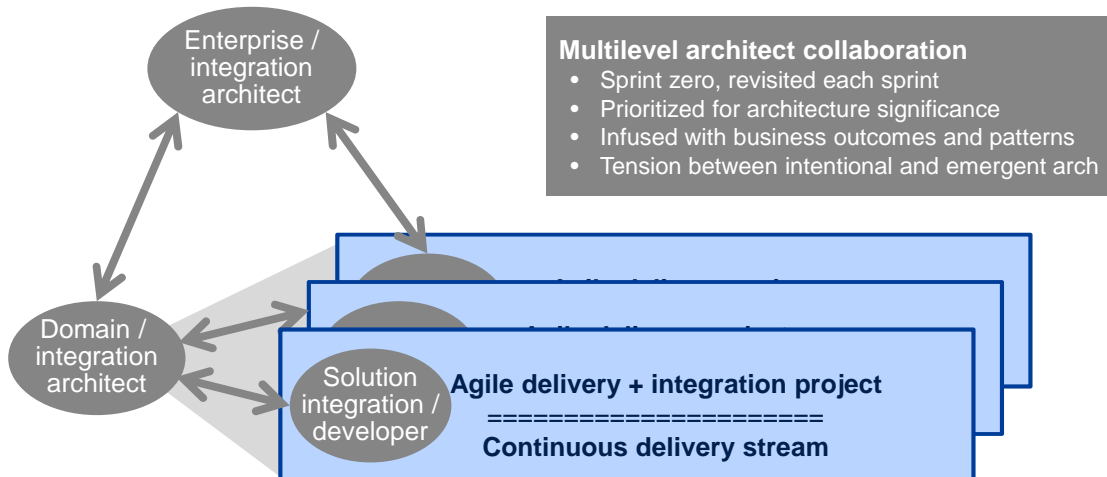


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## Developer-architect collaboration is a critical enabler



Source: "Best Practices For Agile-Plus-Architecture" Forrester report

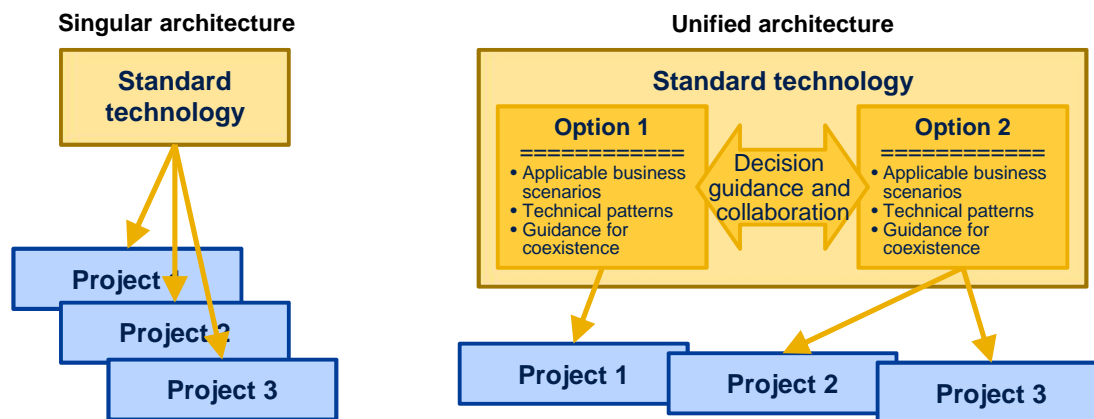
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## Architecture management and technology selection

Do unified, not singular architecture



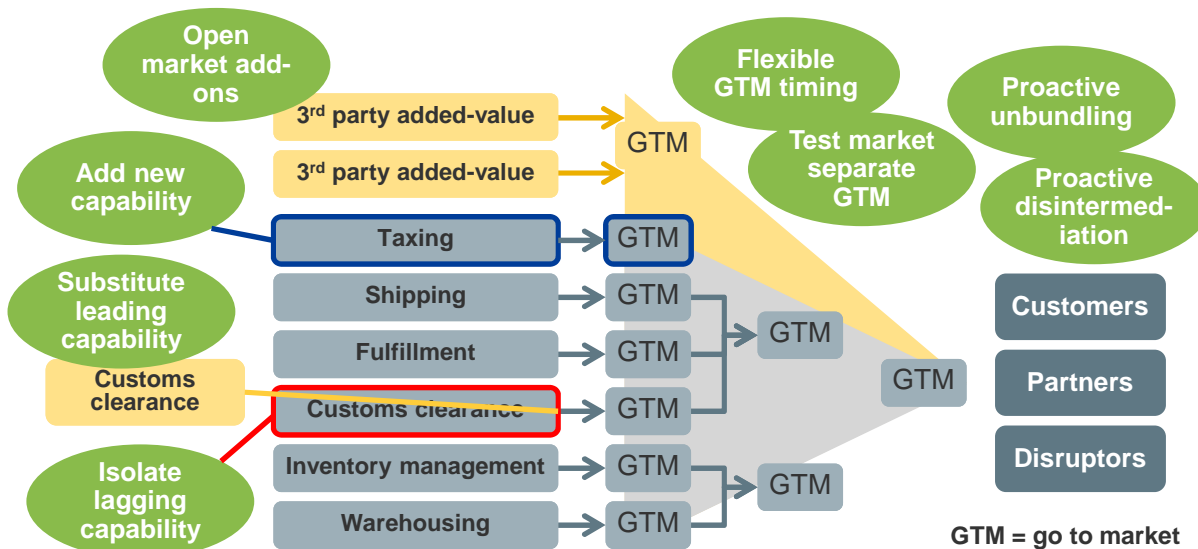
Reference: "Best Practices For Agile-Plus-Architecture" Forrester report

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## Open business: strategy for each capability; integrated GTM



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Thank you

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