



Simplicité

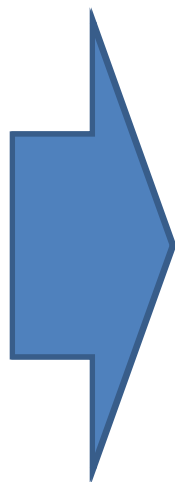
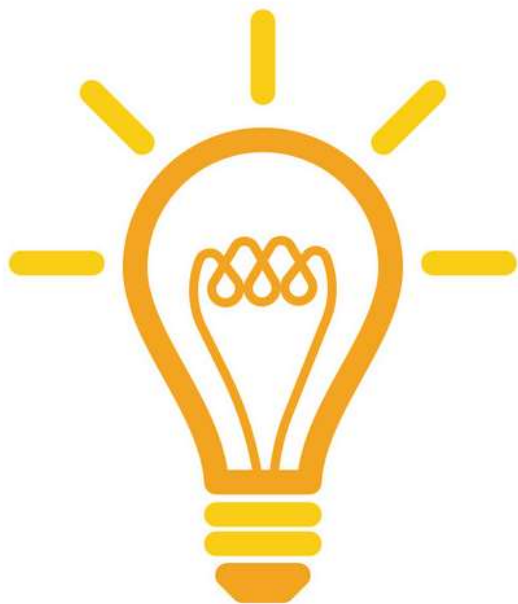
FOR YOUR BUSINESS APPS

Low-code platform demo





Platform principles



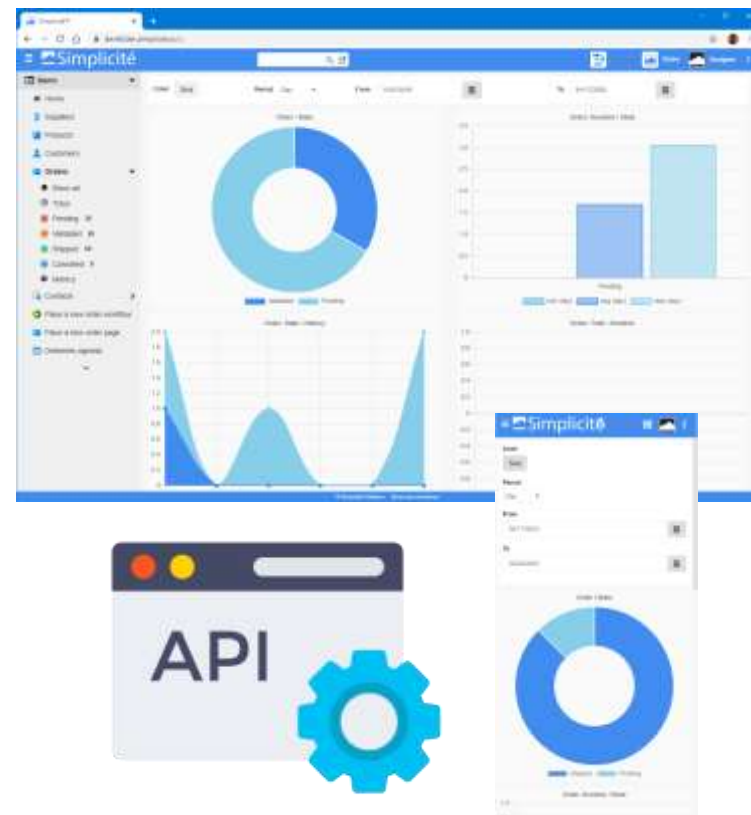
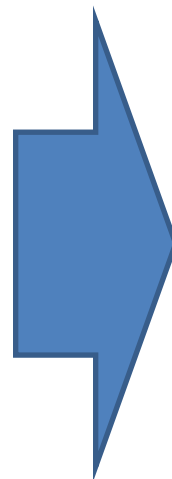
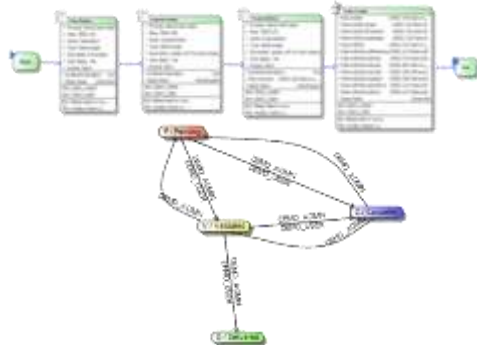
Data



Rights



Workflows/rules



And few lines of value-added code...



and/or

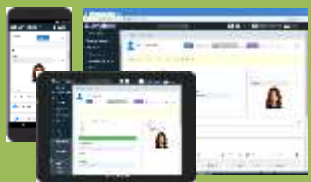




Platform architecture

Generic backend UI

- Full featured **responsive** web UI
- Custom web UI components



Custom frontend UI(s) / integration



Ajax & UI libs



Contrib libs

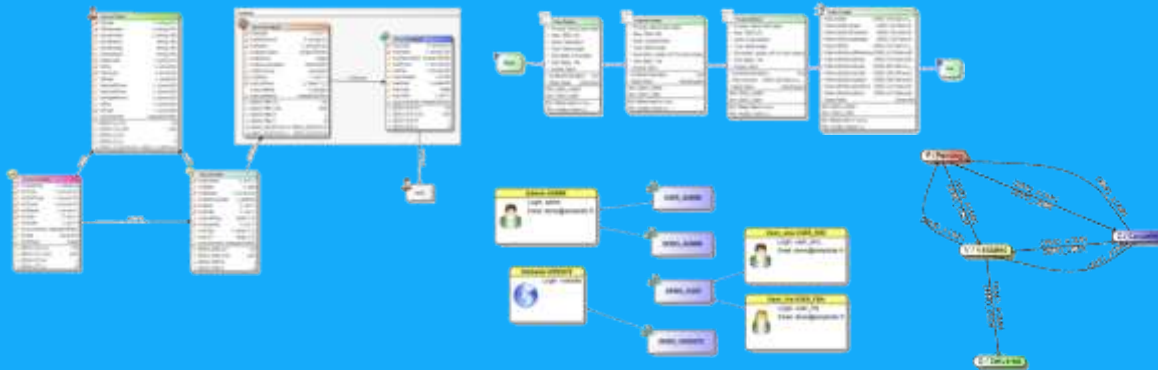


Webservices APIs (generic and/or custom)

Business engine

- Objects
- Workflows
- Profiles & rights
- Business logic & rules
- Reporting
- Monitoring

Cache management for high level performances



3rd party Business services



Infrastructure

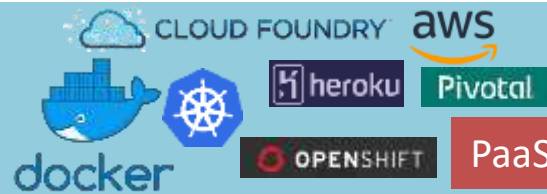
Robustness & scalability



On-premises



IaaS



PaaS



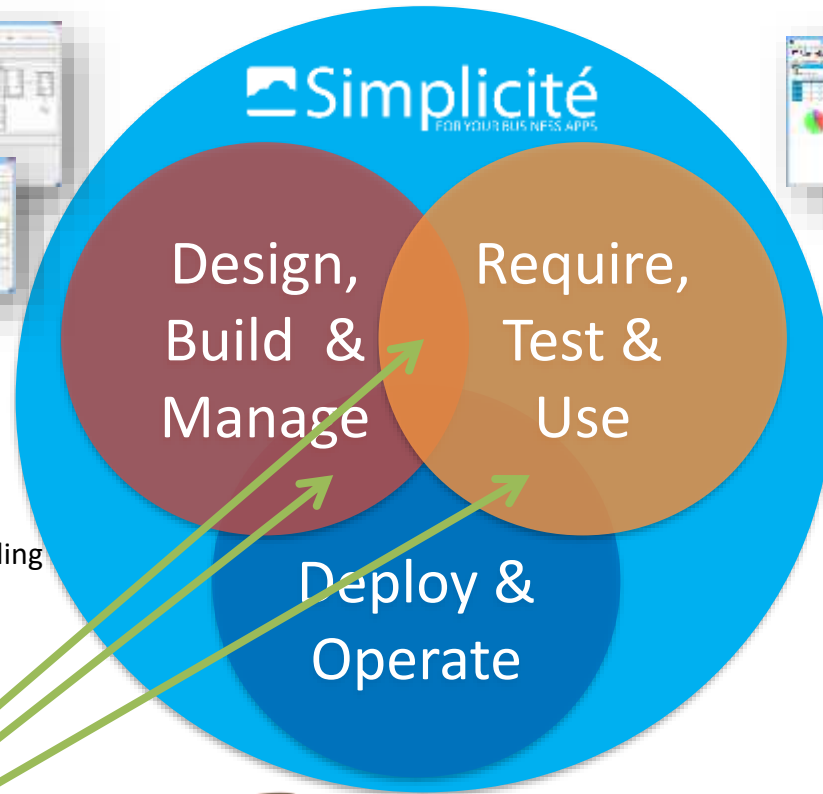
Profile types



IT profiles

use Simplicité® to:

- Define business objects, business workflows & business rules
- Define user profiles & rights
- Define reports & statistics
- Build comprehensive solution (including custom components, integration to other systems, ...)
- Analyze changes impacts
- Manage project
- ...



End user profiles

use Simplicité® to:

- Define their business requirements
 - Test the solution
 - Manages business data
- Participate to business workflows
 - Apply business rules & rights
 - Monitor business activities
 - ...

**Mixed profiles
can also be
defined**



Operators profiles

use Simplicité® to:

- Manage versions and deployments
- Monitor technical & business indicators
- Supervise background data processing, data exchanges, users sessions, ...
- ...



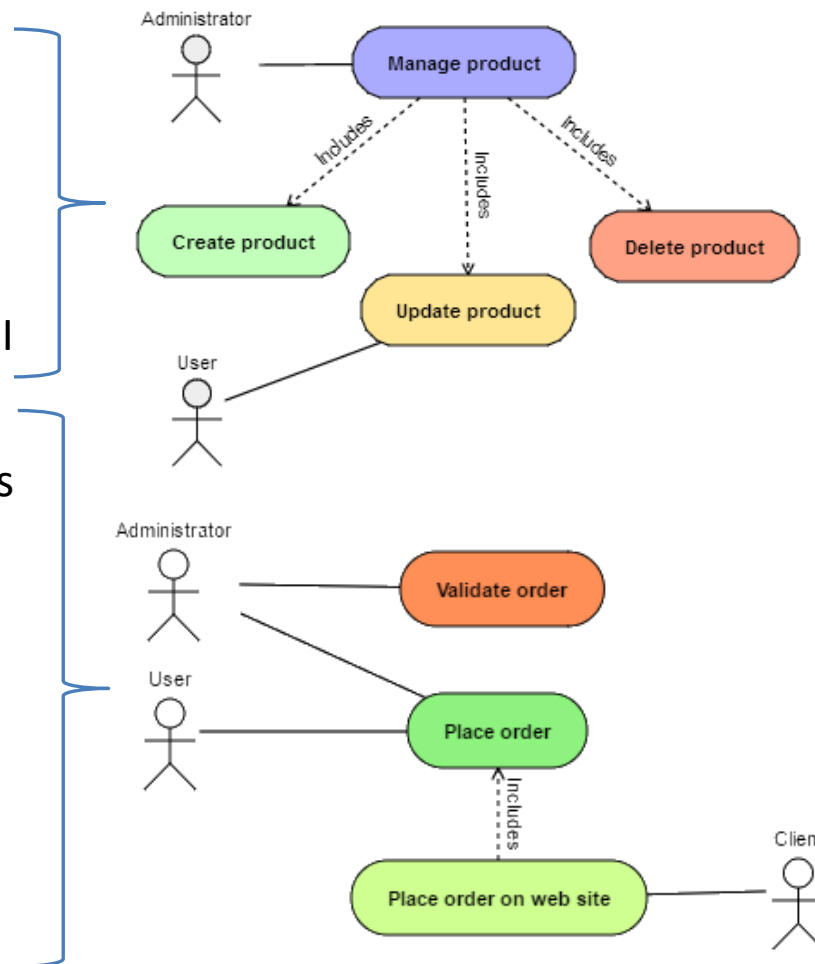


Demo business case

Use cases

- Simple order management application:

- An administrator (backend profile):
 - Manages product catalog
 - Manages client database
 - Manages contacts with clients
 - Places & validates orders on back office UI
- A standard user (backend profile):
 - Places orders on back office UI (only on its suppliers)
 - Manages contacts with clients
 - Can update comments on products of its suppliers
- A client (frontend profile):
 - Places orders on front offices UIs : public website & mobile app

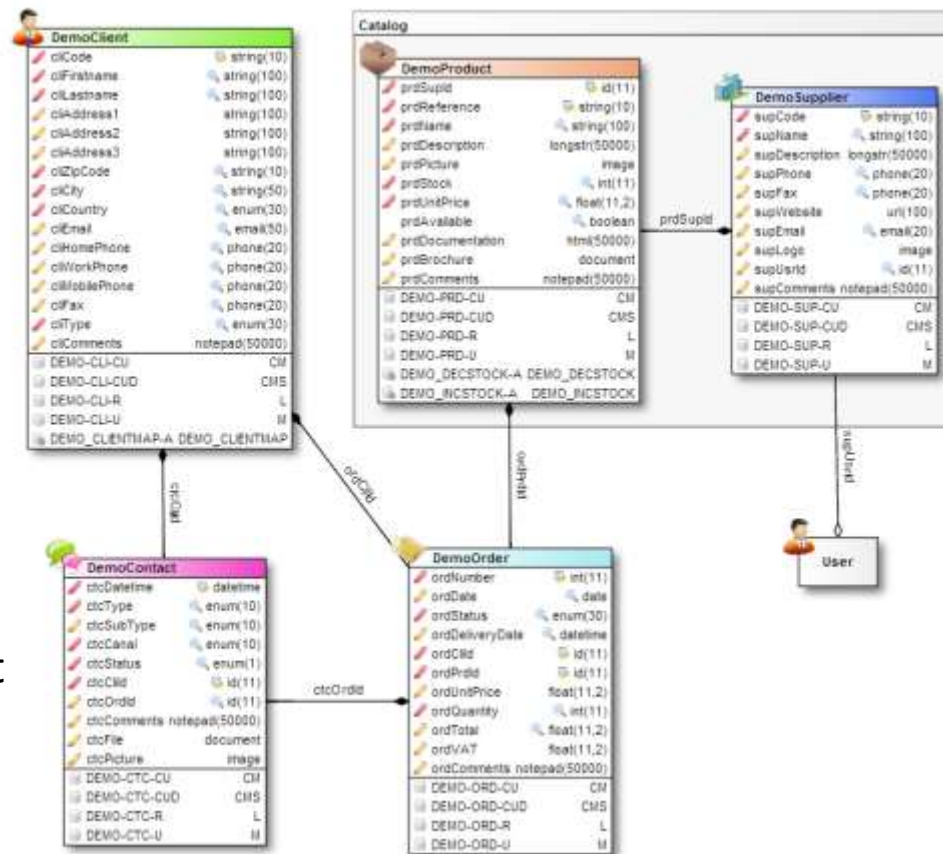




Demo business case

Business data

- **Supplier**
 - Is identified by a code
 - Has one responsible user
- **Product**
 - Has a unique supplier
 - Is identified by a reference
- **Client**
 - Is identified by a code
- **Order**
 - Is for one client and for one product with a quantity that must be > 0
- **Contact**
 - Is for one client and may be linked to an order of this client

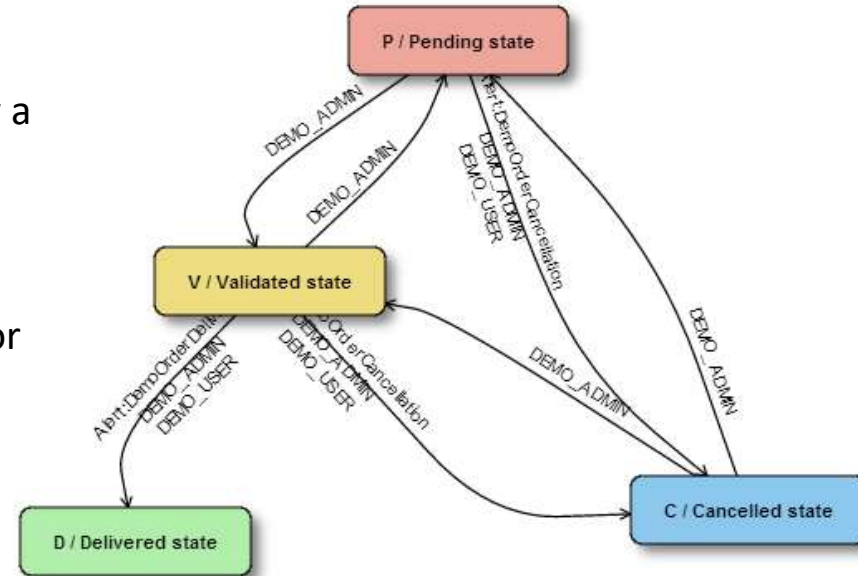




Demo business case

Business workflows and rules

- Order state workflow
 - Created as pending (by a back office user or by a client)
 - A pending order can be validated (only by an administrator) or canceled
 - A validated order can be marked as delivered or canceled
- Order business rules
 - When order is validated: client, product and quantity cannot be modified anymore
 - When order is marked delivered current product stock is decreased by order quantity
 - Email notifications are sent to client on delivery and cancelations





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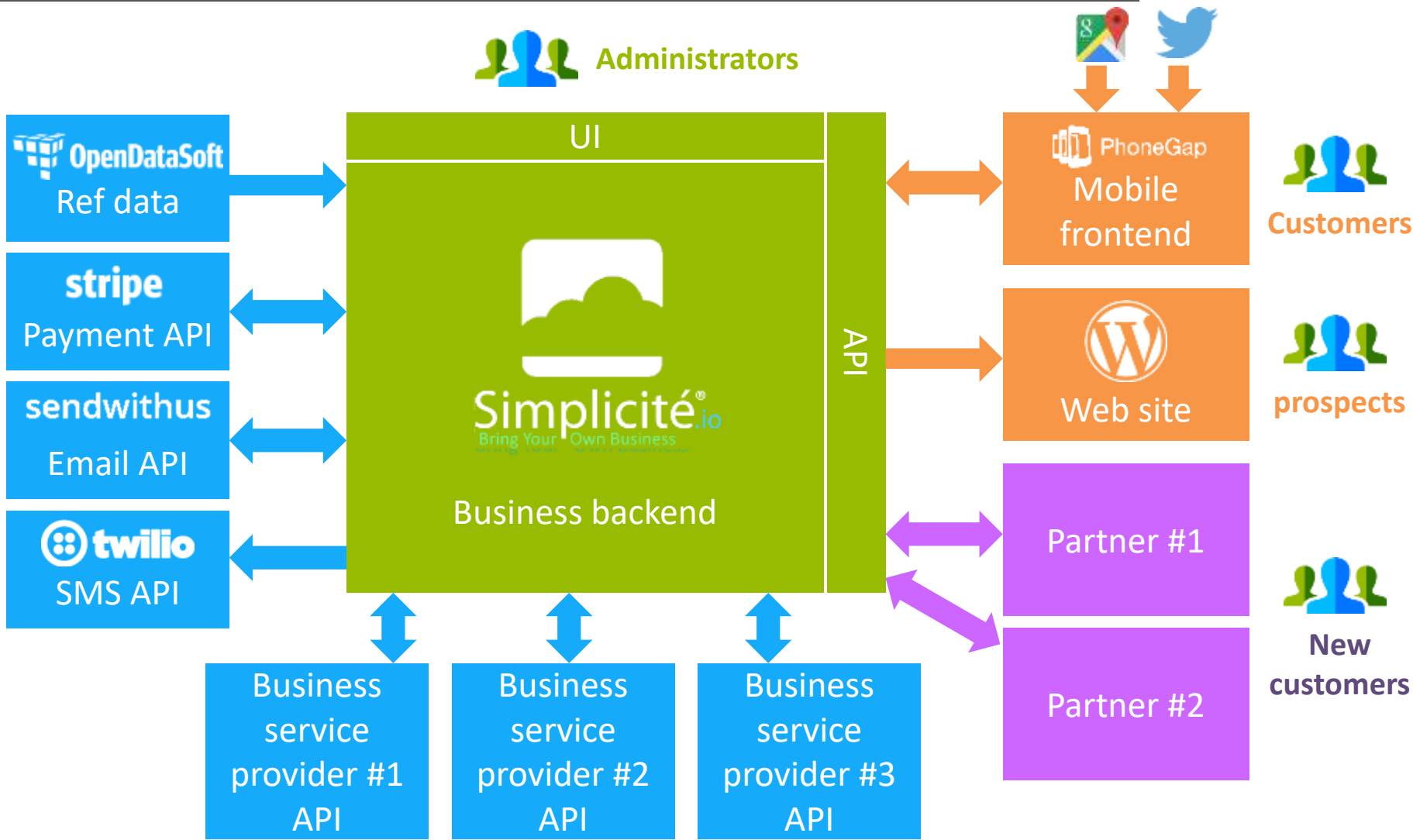
Agile front-end



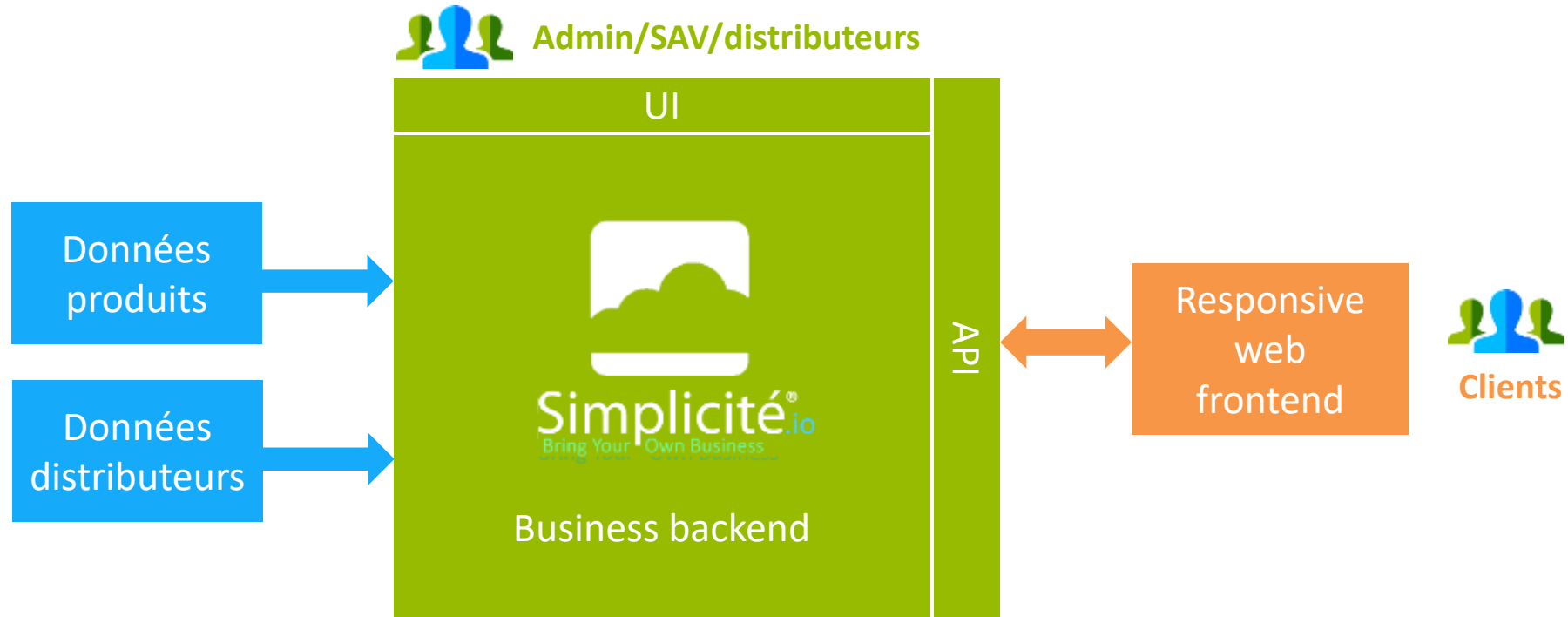
Robust and agile back-end



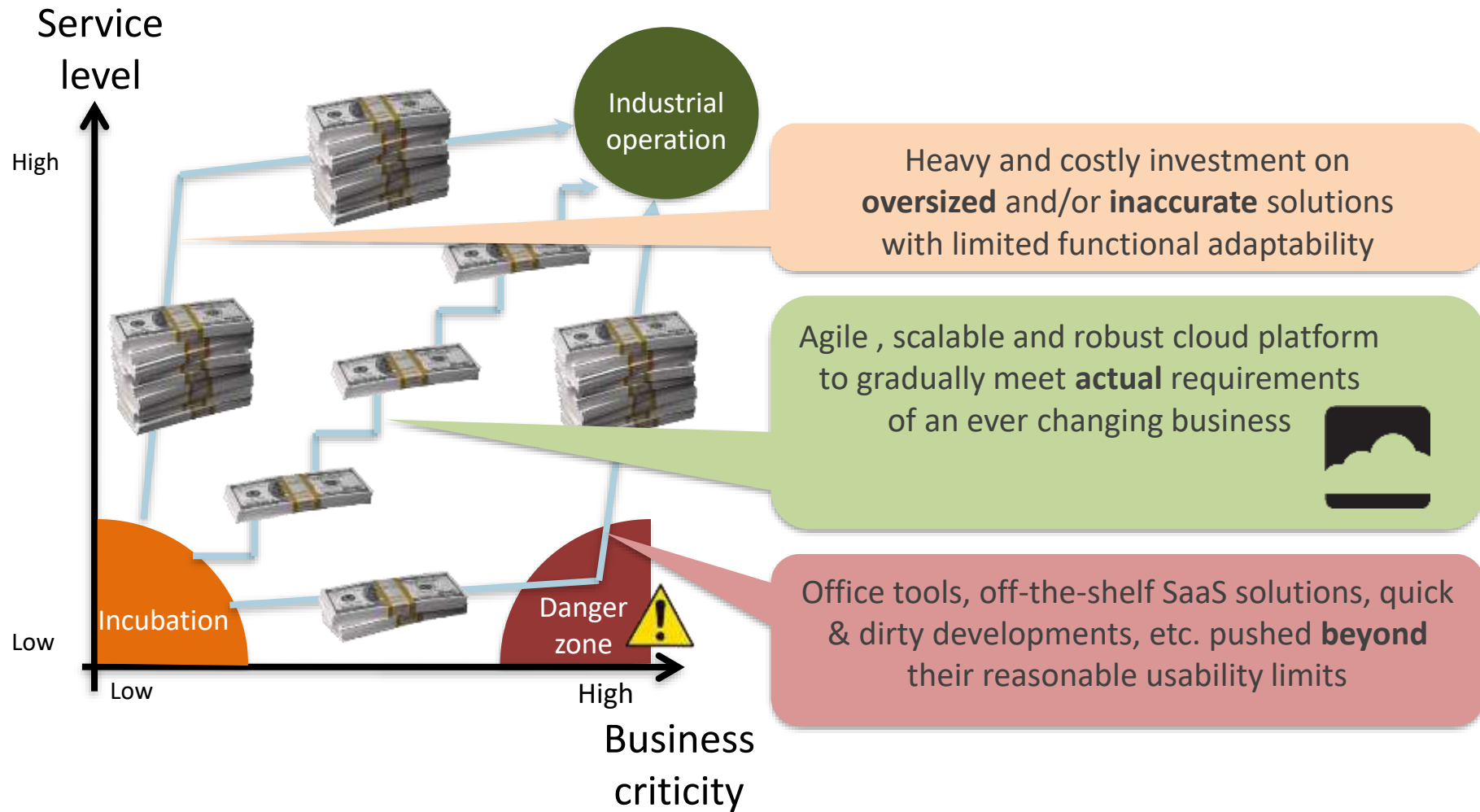
Real-life example



Real-life example

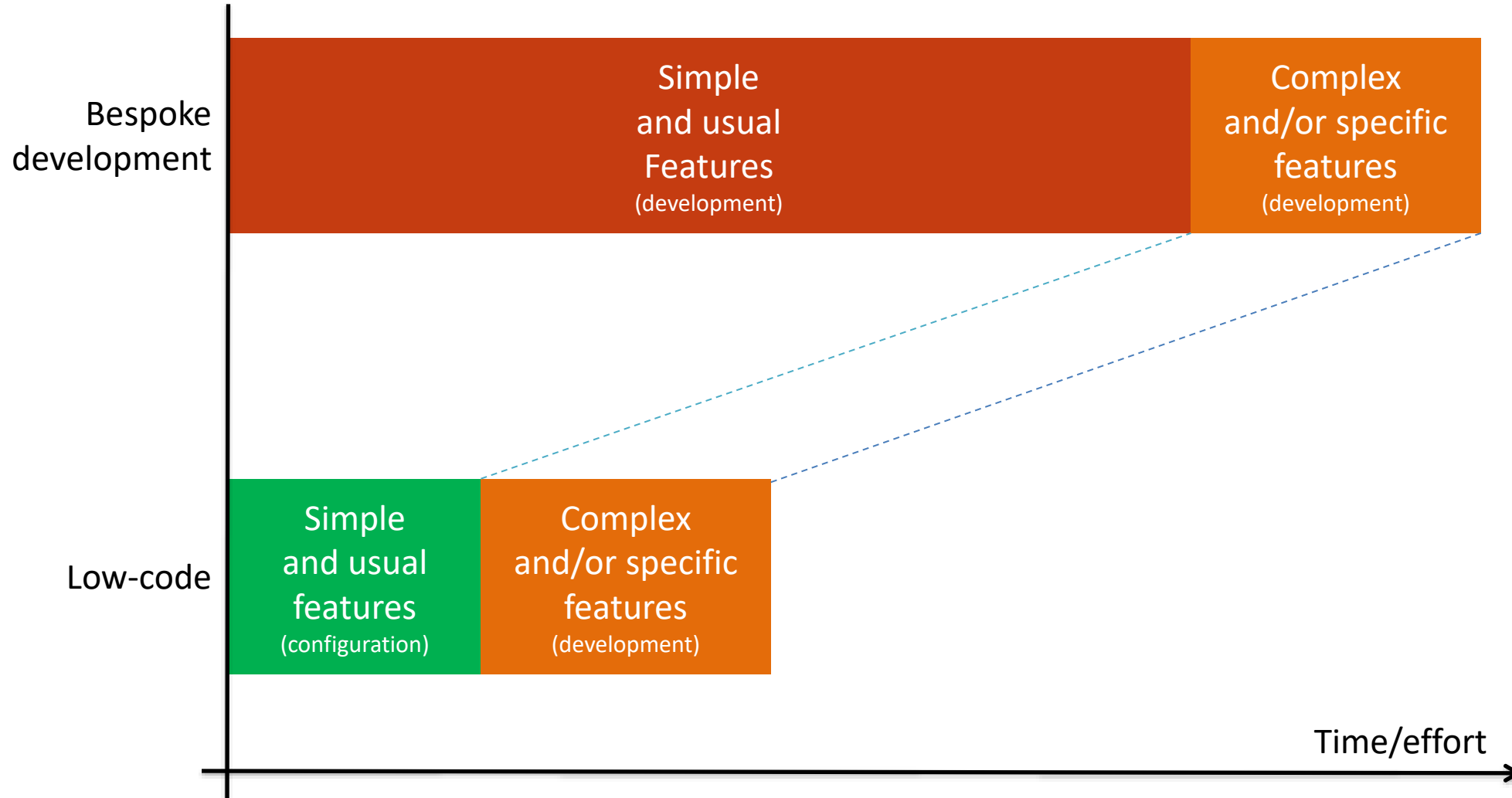


IT paths





Bespoke dev. vs low-code

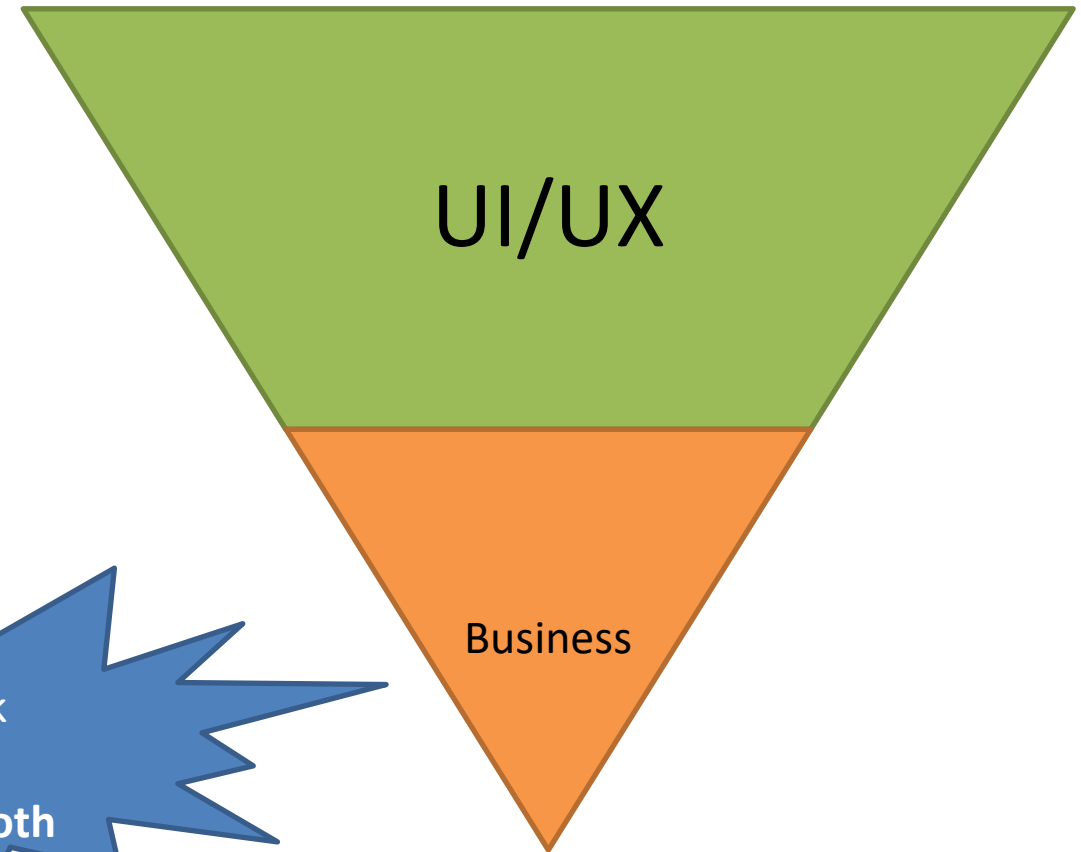
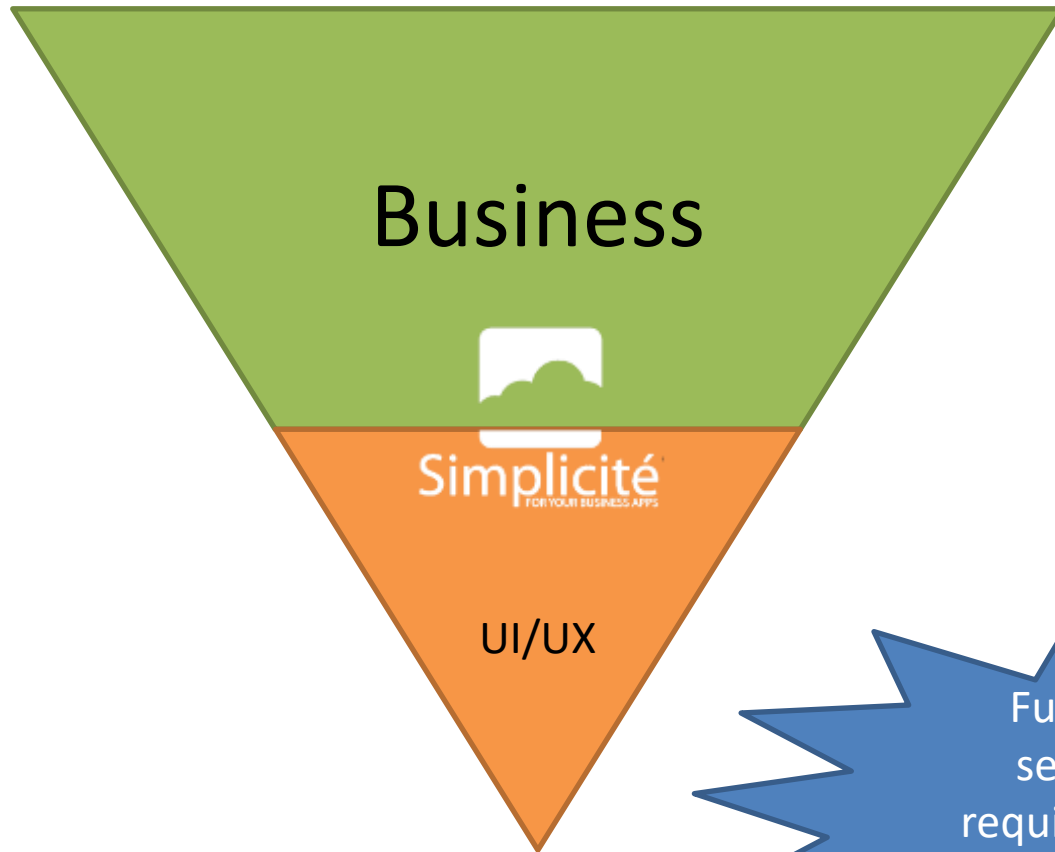




Low code platforms: backend vs frontend

Backend = **business-oriented** platforms
(offers full-featured UI and rich APIs for enterprise users
+ custom UI/API development capabilities)

Frontend = **presentation-oriented** platforms
(offers « building blocks » dedicated to custom UI development:
specific B2B or B2C web and/or mobile apps)



Fullstack services requires **both**



Low code platforms: data-centric vs process-centric

