**CHART**
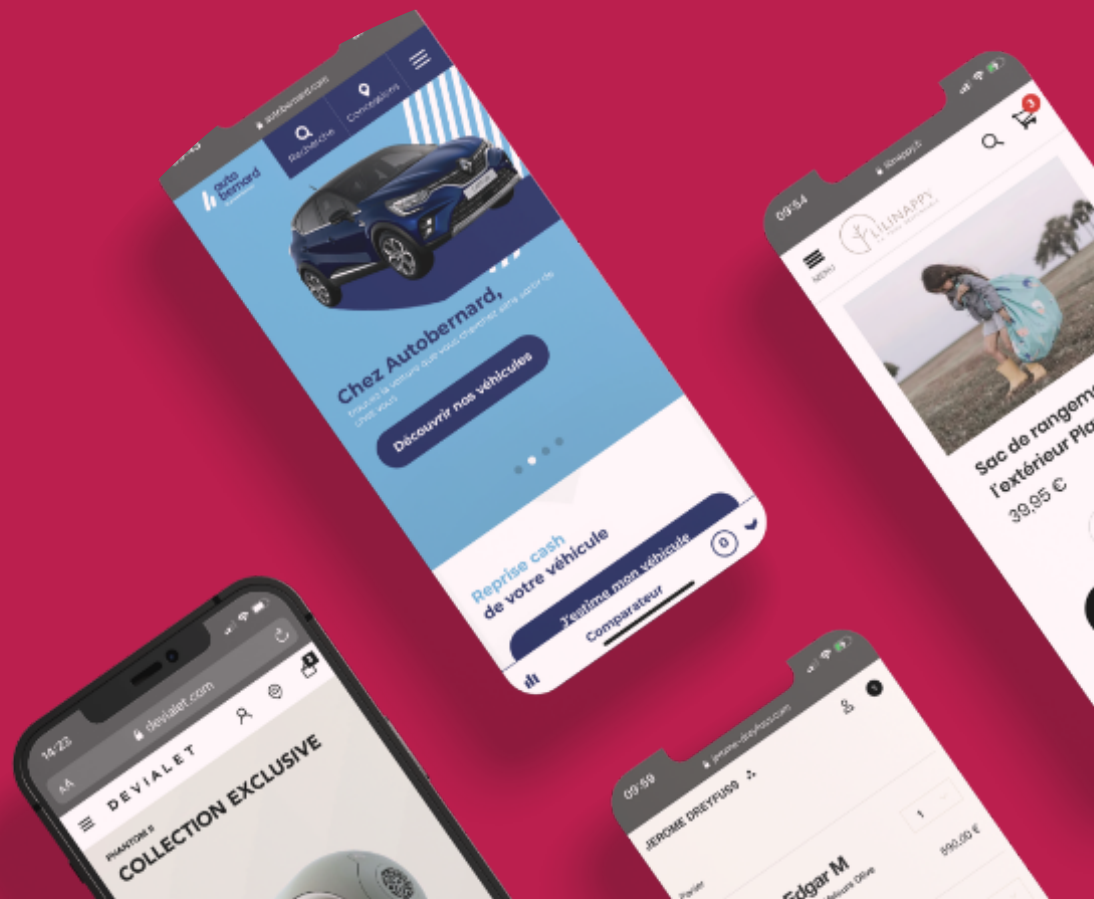
# Monolith vs. Headless Comparison

# MONOLITH ARCHITECTURE VS. HEADLESS ARCHITECTURE

| Feature | Monolithic Storefront | Headless Commerce |
|---|---|---|
| Architecture | Tightly coupled frontend and backend | Decoupled frontend and backend |
| Customization | Limited; requires deep SFCC knowledge | Highly customizable; integrates with various front-end frameworks |
| Agility & Innovation | Difficult and time-consuming to make changes | Faster development cycles and easier integration of new features |
| Performance | Can be slow due to complex codebase | Potentially faster loading times due to decoupled architecture |
| Scalability | Vertical scaling (adding more resources) | Horizontal scaling (adding more servers) |
| Omnichannel Experience | Limited; challenges in integrating with other platforms | Flexible; easier to create consistent experiences across channels |
| API Dependence | Limited API usage | Relies heavily on APIs for data and functionality |
| Development Expertise | Requires strong SFCC development knowledge | Broader range of development skills needed |
| Cost of Ownership | Potentially high licensing and maintenance fees | Potentially lower ongoing costs with open-source options |
| Vendor Lock-in | High vendor lock-in to SFCC | More vendor independence with API-driven approach |
| Content Management | Limited flexibility in content management | Greater flexibility in content management |
| Third-Party Integrations | Limited integration options with third-party services and platforms | Easier integration with various third-party services through APIs |
| Developer Community and Resources | Relatively smaller developer community and fewer resources available | Larger developer community and a wealth of resources available online |
| Risk of Downtime | Higher risk of downtime due to potential dependencies and complexities | Lower risk of downtime as failures or issues in one component do not necessarily affect the entire system |

# MONOLITH VS. HEADLESS: A DIAGRAM

In 2025, 73% of online sales will take place on mobile. Retail is moving fast. Owning an agile business that's technically ready to adapt at scale has never been more important.

Headless Commerce is a flexible e-commerce architecture where the frontend and backend are separated so they can function independently from one another.
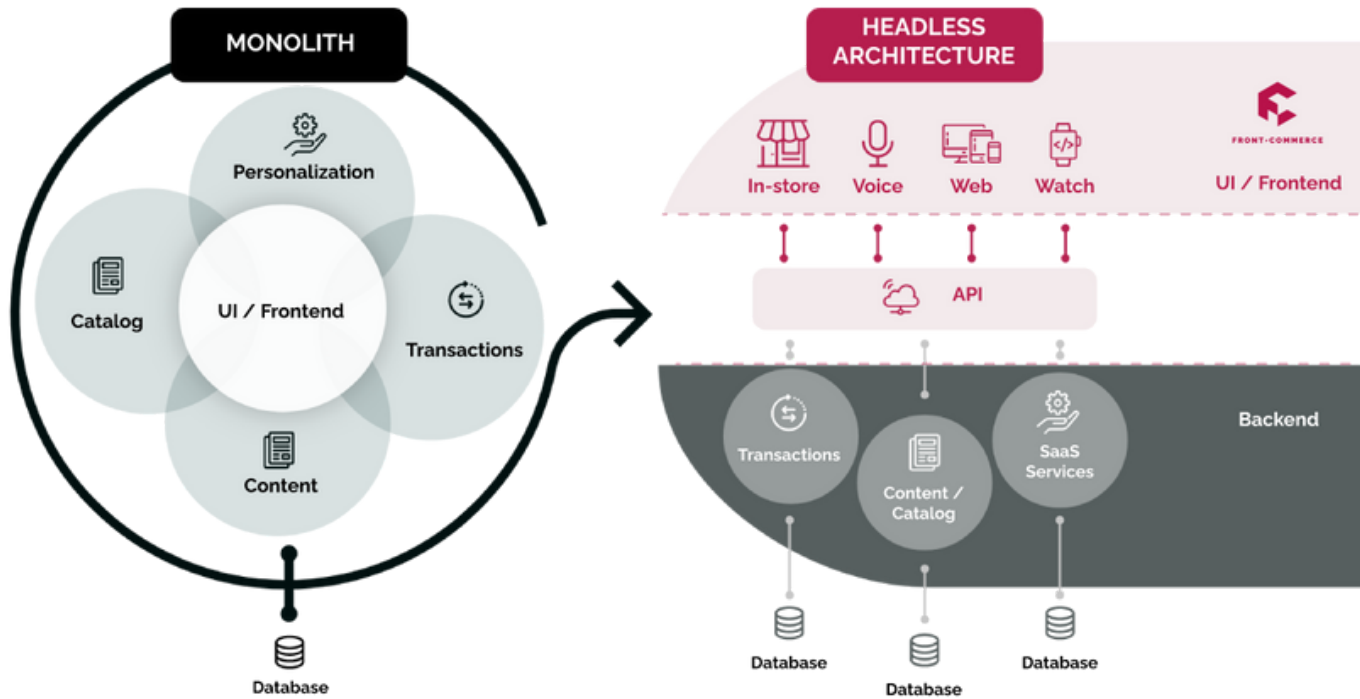


# A FRONT-END ARCHITECTURE WITH SEAMLESS INTEGRATIONS

- Serve your web pages x4 times faster

- Limitless UI/UX possibilities

- Cross-joined data touch points

- A flexible architecture with evolutive services that function via API
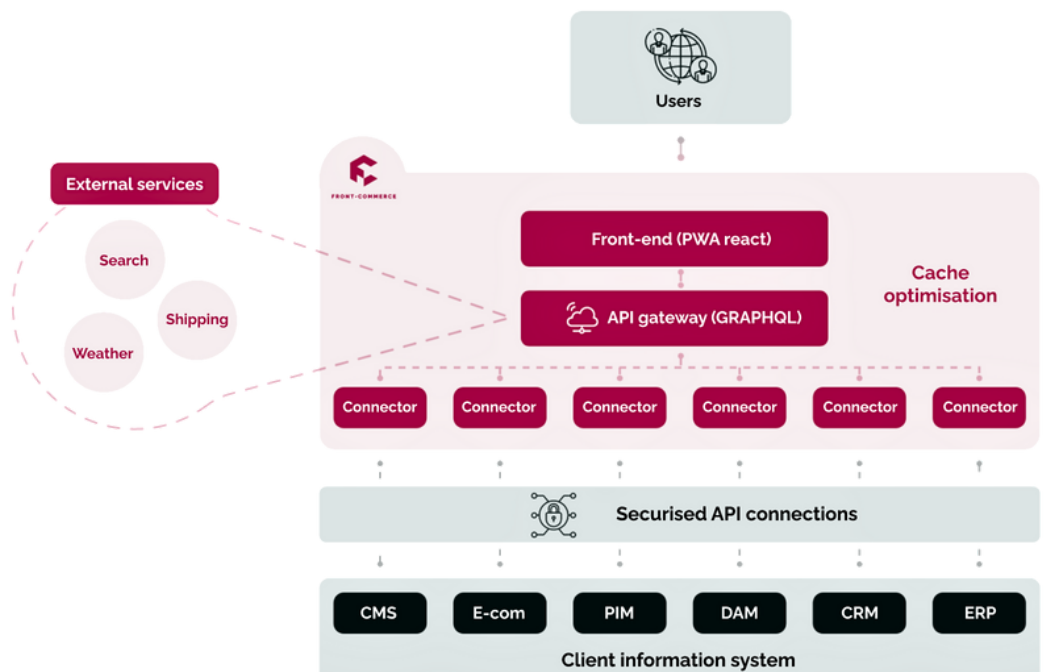
## THE BIT WHERE WE TOOT OUR OWN HORN

**Front-Commerce is the <u>only</u> headless commerce storefront that improves the customer, merchant & developer experience, at the same time.**

An ultra-fast front-end based on PWA & MACH standards, we help brands evolve their current e-commerce platform to a headless commerce approach by integrating the back-end of their choice with Front-Commerce's best-of-breed technical stack based on Remix, React, NodeJS & GraphQL.

Front-Commerce does the decoupling of the frontend and backend for its clients to provide a state-of-the-art front-end experience and a headless commerce architecture. Our solution is compatible with most backends, allowing us to integrate easily into your systems. You can stay in touch with your customers and we keep all technical considerations up to date.

### Get the fact sheet

click here!

**Contact Front-Commerce**
contact@front-commerce.com

## Some of the brands powered by Front-Commerce

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THUASNE eden botanicals ROBERTET CHAÎNE THERMALE DU SOLEIL PetDistrib