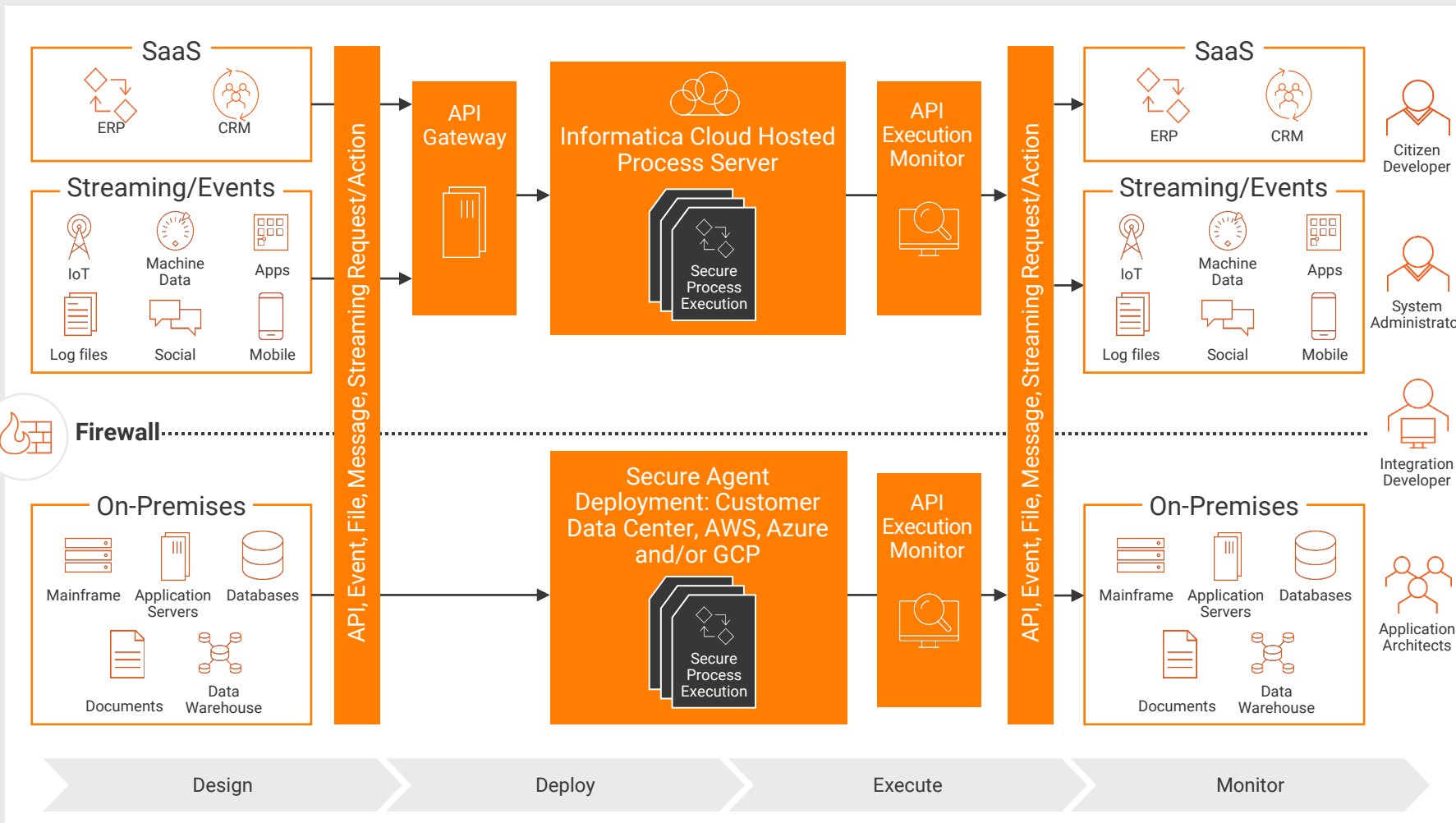


# API and Application Integration Architecture

Application integration is the merging and optimization of data and workflows between two disparate software applications, often a new cloud application with a legacy on-premises application. Application programming interfaces (APIs) enable data, applications and services to talk to each other. API management is the process of developing, publishing, managing, monitoring, deprecating and consuming APIs.



## Key Capabilities for Cloud Application Integration and Hyperautomation

- 1 Event-driven Software Architecture**—Event-driven integration architectures ensure data is made available to the business and IT sooner, leading to better business insights being uncovered faster.
- 2 Provide and Consume Synchronous and Async Services**—Being able to expose and consume both synchronous and asynchronous services provides the agility for key business and IT processes to be updated and extended quickly and easily.
- 3 Process and Task Orchestration**—Modeling complex business processes requires the ability to orchestrate those processes across multiple applications and data silos, easily and efficiently.
- 4 Low-code/no-code tools**—A reliance on code brings additional overhead for modernization projects. On the other hand, a GUI, drag-and-drop approach results in quicker development, and lower total cost of ownership in the long run.