

Solace + Dell Boomi: Event-Driven Integration for the Real-Time Enterprise

Solace extends the value of Dell Boomi's industry-leading integration platform with enterprise-grade event streaming and event management capabilities that extend across hybrid, multi-cloud and IoT environments.

Solace PubSub+

PubSub+ is a complete event streaming and event management platform that enables the design, discovery, streaming and full lifecycle management of events across the distributed enterprise, so enterprises can be more agile and real-time, and ultimately improve customer experiences. At the run-time data movement level, PubSub+ Event Broker powers an event mesh—a modern messaging layer that can be deployed across every environment and component of the distributed enterprise—to stream events across them all.

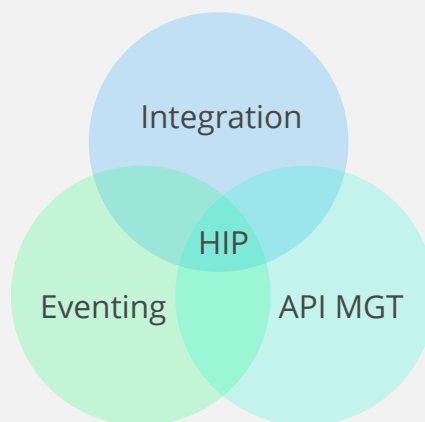
Dell Boomi and PubSub+

Together, Dell Boomi and Solace PubSub+ provide a cloud-native, enterprise-grade and event-driven integration solution, enabling every person, application and device in an enterprise to be notified when something they are interested in happens, as it happens.

Solace + Boomi: Enterprise Hybrid Integration Platform (HIP)

solace.

- Data movement (publish-subscribe, streaming, queuing, request-reply)
- Event mesh/event choreography
- Event management, governance
- Event-driven APIs
- Enterprise-grade (performance, reliability, scalability)



Dell Boomi

- Connectors
- Orchestration
- Transformation
- APIs/API Management
- Master Data Management

Gartner has defined Hybrid Integration Platform (HIP) as a framework of on-premises and cloud-based integration tools that can empower digital transformation, "HIP is implemented by assembling a variety of technology building blocks, from one or more providers, which are managed as a cohesive, federated and integrated whole".

"Innovation Insight for Hybrid Integration Platform", 15 October 2018, Massimo Pezzini

Use Cases

● Decoupling of applications for increased agility and robustness: avoid the spaghetti mess of point-to-point connections

With its support for the publish-subscribe messaging pattern, PubSub+ Event Broker enables the decoupling of applications for more efficient and reliable data movement, and an architecture that is easier to manage and scale.

- One-to-many patterns, push vs. pull
- Easily add/remove/move/reuse applications in your system without disrupting the system

● Real-time event streaming within and across environments (no cloud, hybrid cloud, multi-cloud): move beyond slow and inefficient request-reply/batch processing

PubSub+ Event Broker can be deployed in all your environments (public clouds, private clouds, data center, factory, etc.,) and connected to each other and to Boomi Atoms, creating a dynamic 'event mesh' that will push events from event producing applications to event subscribing applications, as they occur.

- o Atom to Atom event streaming across hybrid and multi-cloud environments
- o Consistent application experience across the distributed enterprise
- o Faster and more consistent response times across the distributed enterprise

● **Legacy ESB integration or replacement: modernize and consolidate your middleware**

Together, Dell Boomi and PubSub+ Event Broker provide all the capabilities and tools enterprises need to integrate or migrate from their legacy ESB (TIBCO BW/EMS, IBM WebSphere/MQ) to a cloud-native integration and data movement solution.

- o Dell Boomi: connectors, data transformation, orchestration, API management
- o PubSub+: event streaming, messaging, event management/governance, event-driven APIs

● **Data as a service across LOBs: break down data silos and integrate business processes across geographies**

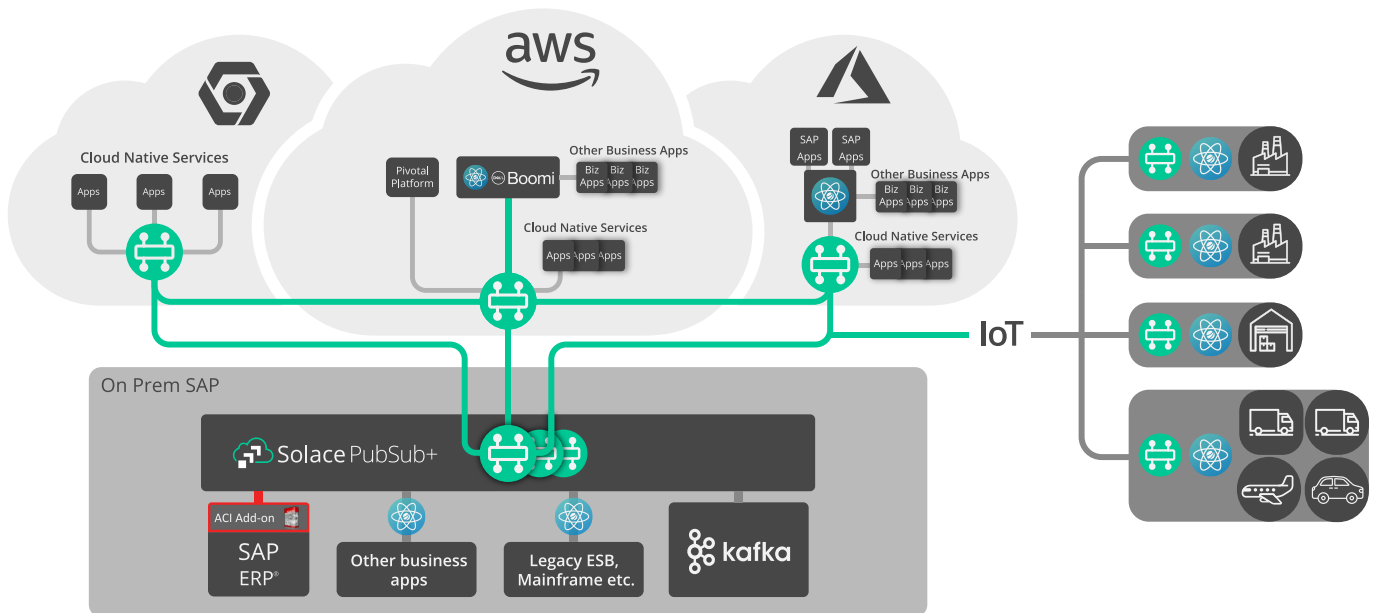
Deploying PubSub+ Event Broker in different lines of business (LOBs) and connecting them to create an event mesh can enable on-demand access to data and events produced by any application in your distributed enterprise.

- o Federated data distribution across globally distributed data centers, clouds and IoT
- o WAN optimization for consistent and reliable performance across long-haul links
- o Integrator of integrators: PubSub+ can connect and enable event streaming across multiple iPaaS deployments, container technologies, legacy applications and more

● **Future-proofing for IoT, microservices, ML and more: design your digital transformation to evolve**

PubSub+ Event Broker is cloud-agnostic (runs natively in AWS, Azure, GCP, SAP CP) and supports multiple open standard protocols and APIs (MQTT, AMQP, JMS, WebSocket, HTTP/REST) and messaging patterns, providing enterprises with unparalleled flexibility as their technologies and the market evolve.

- o IoT event streaming: stream events from devices and edge gateways to cloud services and data centers
- o IoT command & control: send commands from back-end systems to one or many devices



About Solace

Solace helps enterprises become agile and real-time by giving them everything they need to make their business operations and customer interactions event-driven. Behind Solace technology is the world's leading group of data movement experts, with nearly 20 years of experience helping global enterprises solve some of the most demanding challenges in a variety of industries – from capital markets, retail and gaming to space, aviation and automotive. Established enterprises such as SAP, Barclays and the Royal Bank of Canada, multinational automobile manufacturers such as Renault, and industry disruptors such as Jio use Solace to modernize legacy applications, deploy modern microservices, and support their hybrid cloud, multi-cloud and IoT architectures. Learn more at solace.com.