

# SAP GATEWAY

V E R S U S

# SAP-PI

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## COMPARING THE 2 SAP DATA PROVISIONING BACKEND PRODUCTS

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The focus of SAP Gateway is to enable easy access and consumption of SAP data in the client or device of the customer's choice.

It is designed for user-facing applications that are stateless, and require selected data sets of the entire business object definition.

Through simple to use standard market protocols such as REST and OData/ATOM, it provides extremely simple access to SAP applications for developers without prior SAP knowledge.

In that sense, SAP NetWeaver Gateway builds on the openness of SAP Enterprise Services for the types of solutions described above.

Quick Application Development which need minimal SAP knowledge application developers.



SAP NetWeaver Process Integration (SAP NetWeaver PI) is a comprehensive SOA middleware platform focused on A2A and B2B integration.

It provides SAP customers a SOA foundation to manage their SOA landscape and SOA development and deployment lifecycle

It supports multiple integration scenarios to SAP-2-SAP and SAP-2-Non-SAP environments through the use of supported adapters.

Not optimal for Quick Application Development, it requires long development and delivery cycles, involving multiple stakeholders

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Purely uses ABAP Stack for Process Execution

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Supports BAPI/RFC, ABAP Transaction, ABAP Proxy.

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Used to Access SAP Backend only

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Supports only Provider Services



Mostly Java Stack.

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Supports BAPI/RFC, IDOC, ABAP Proxy

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Helps to build access to NON-SAP also

File/FTP, JDBC, JMS, SOAP, HTTP, WS, plus various other 3rd party adapters

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Supports Service Consumption scenarios as well

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Build for REST  
Provides OData and  
JSON Feed

Supports only  
Synchronous  
communication.

Push channel notifications  
provides workflow event  
notifications

Provides plugins to  
support easy  
consumption for  
Eclipse, XCode, Visual  
Studio

Supports only  
Provider Services



Supports REST  
(through adapters)  
Supports only JSON

Supports both  
Synchronous as well  
as Asynchronous  
communication

Eclipse Plugin exists  
while product  
provides multiple  
adaptors for 3rd party  
scenarios

Supports Service  
Consumption  
scenarios as well