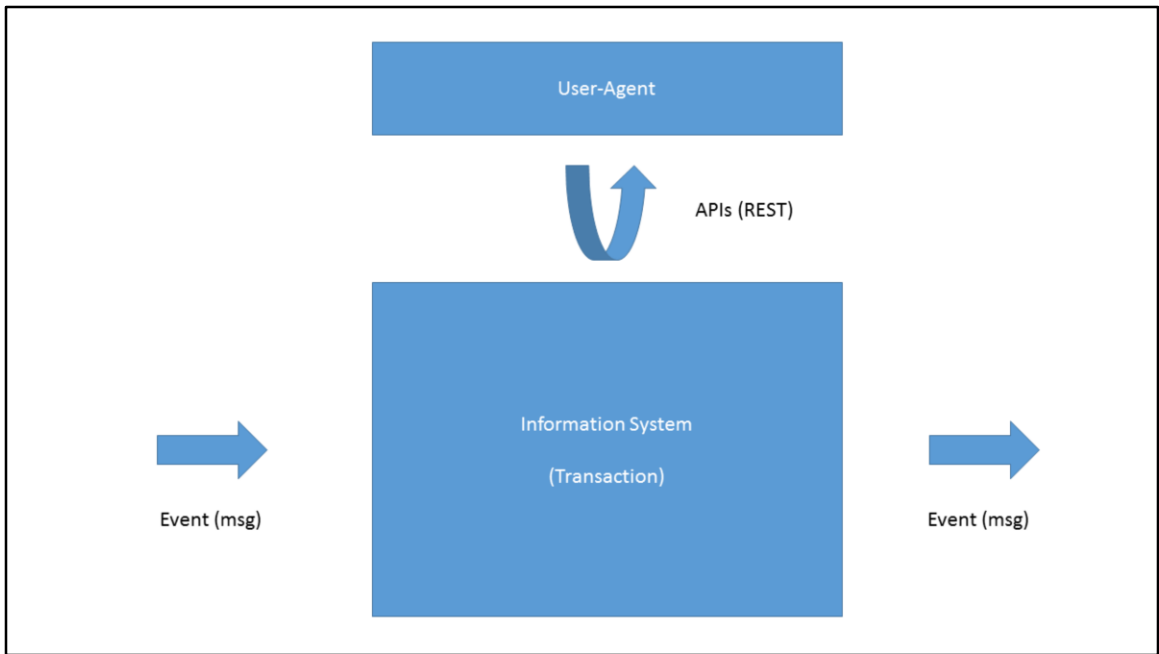
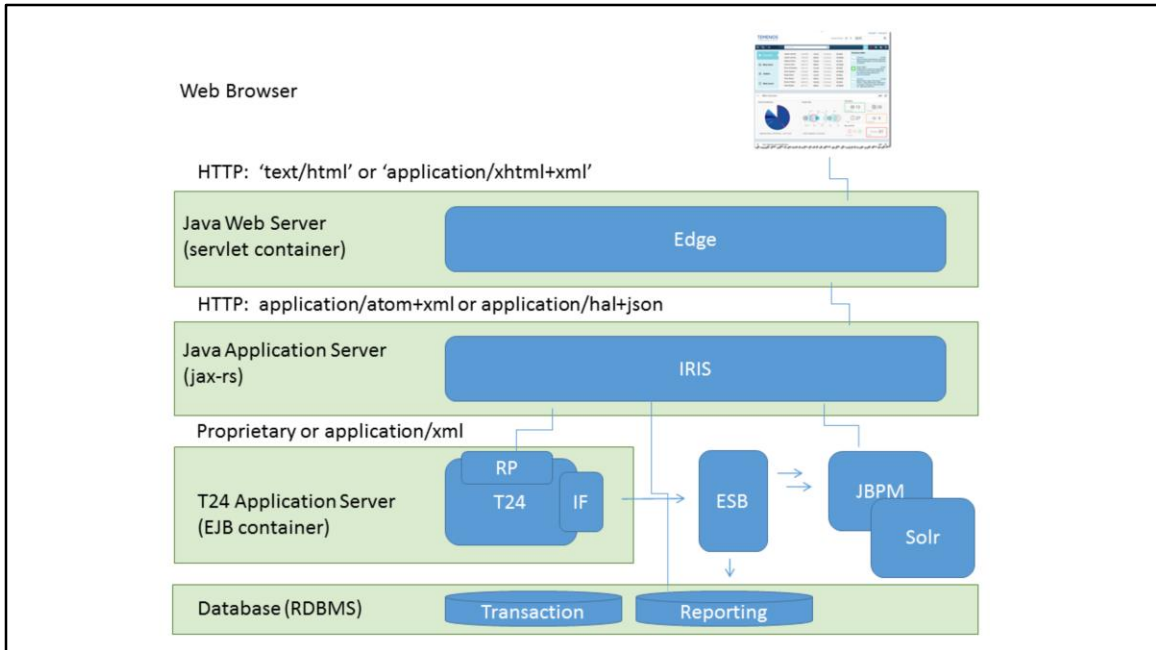


Temenos Platform

Architecture overview



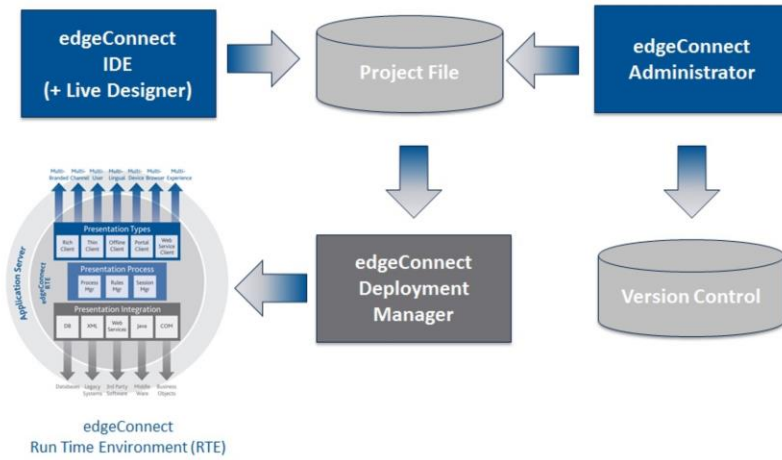


Interface (flow, errors, paging)
Media types (xml, json, pdf, html)
API Browsers
Examples and clients (Java, .NET, Ruby, Python)
Documentation

User Experience

The Temenos platform includes a User Experience layer that allows user interfaces to be designed once and deployed to many devices types and form factors; takes care of many of the usability and security aspects.

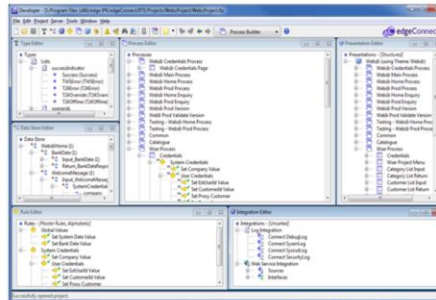
Product Overview



UXP - Basic Principles

edgeConnect IDE

- **Separate layers :**
 - Presentation (Look, Feel, Behaviour)
 - Process (Screen flow / logic)
 - Integration (Data in/out)
- **Code-less** (aimed at developers/analysts)
- **Open** (extendable)
- **Fast** (productivity features)
- **Lifecycle** (supports full lifecycle)
- **Enterprise** (manages large teams/projects)
- **Graphical designer for presentation layer**

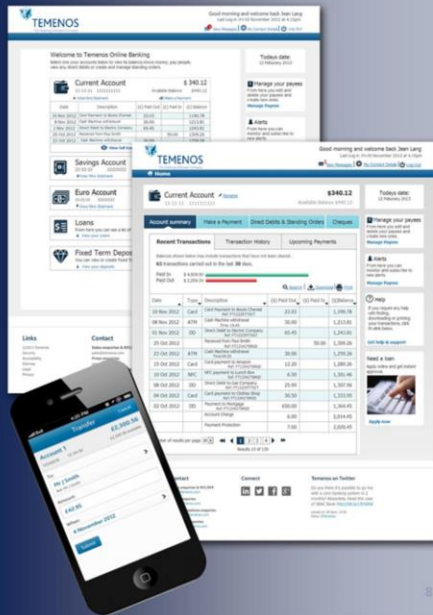


Temenos Connect Runtime



TCIB - Retail

- Managing & Viewing Your Products
- Making Payments/Transfers Online
- Standing Orders & Direct Debits
- Manage Payees
- Cheques
- Secure Messages
- Customer Preferences
- Alerts
- Applying For Products
- Help & Support

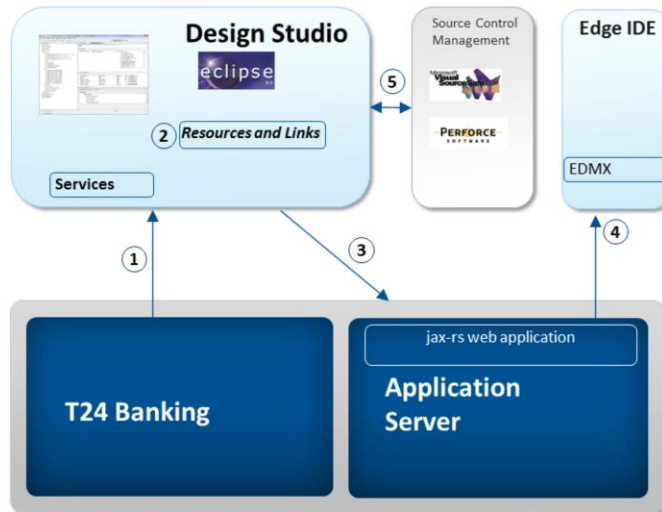


APIs

The Temenos platform includes an API design capability that allows standard interfaces such as OData to be developed from existing T24 resources. This API design platform also allows APIs to be designed from the top down and respond to user-agents in a variety of media types.

Data Services – Design time

1. Browse T24 for enquiries or versions to publish as OData Services
2. Define resources and links between resources
3. Deploy web application to Application Server
4. Discover API documentation and import metadata e.g. OData EDMX into Edge or other client
5. Store project in a SCM (optional)

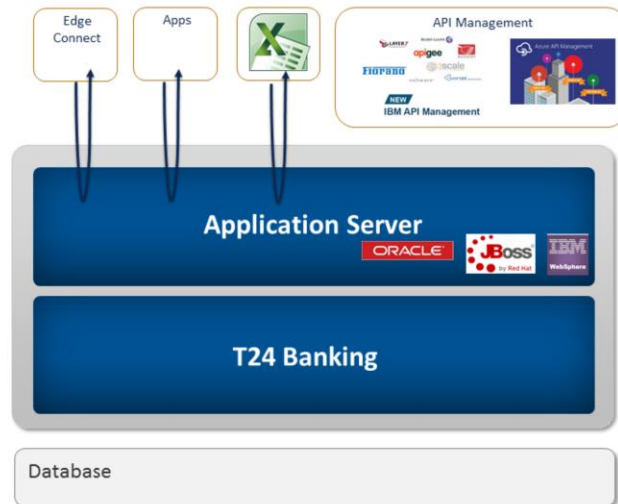


Data Services – Run time

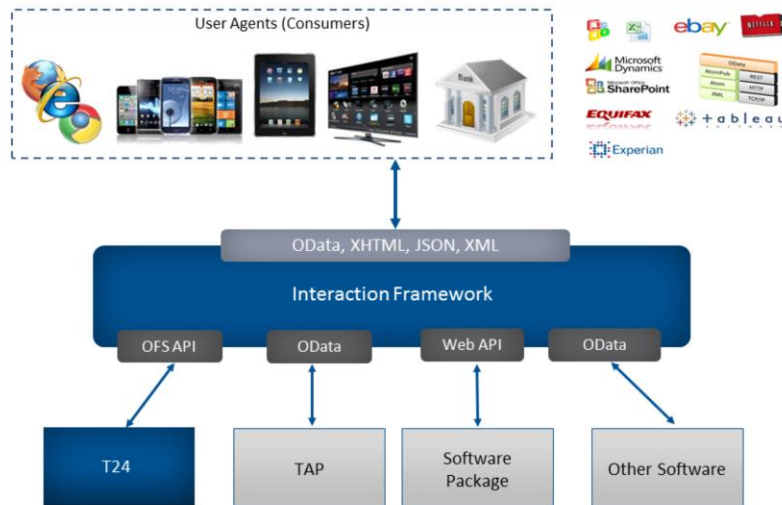
1. Request data from anywhere supporting OData or HTTP

2. Security, paging, caching, and error handling all standards based

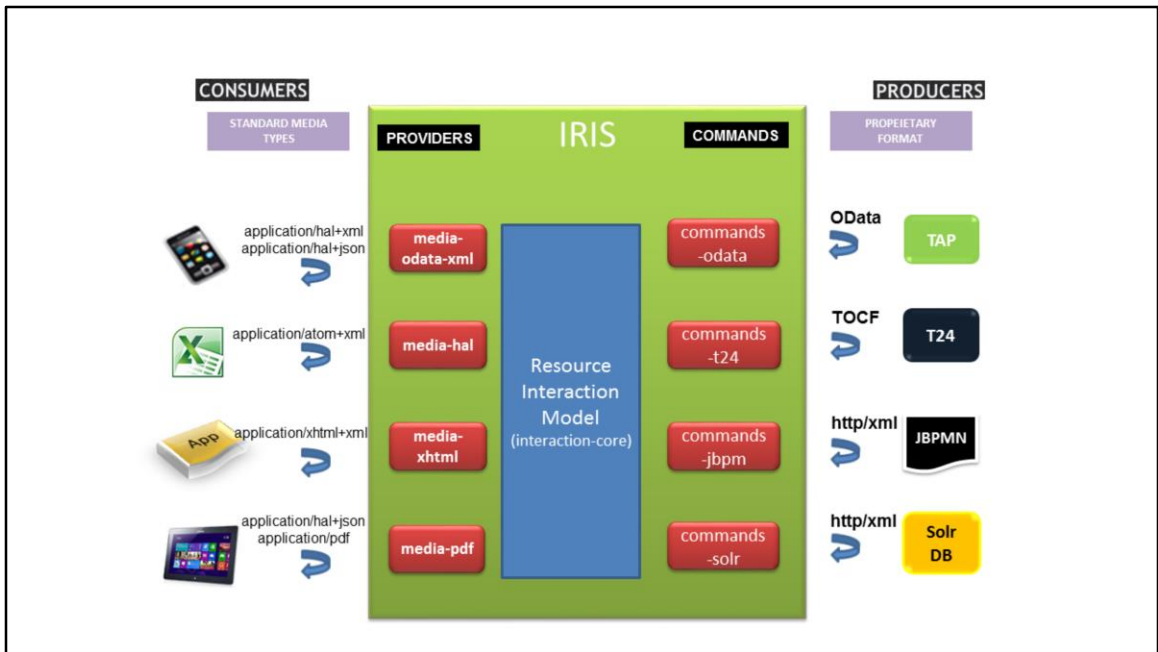
3. Use API Management platforms for developer onboarding, throttling, metering, and billing.



Publish and Consume OData for Data Integration Across Packages



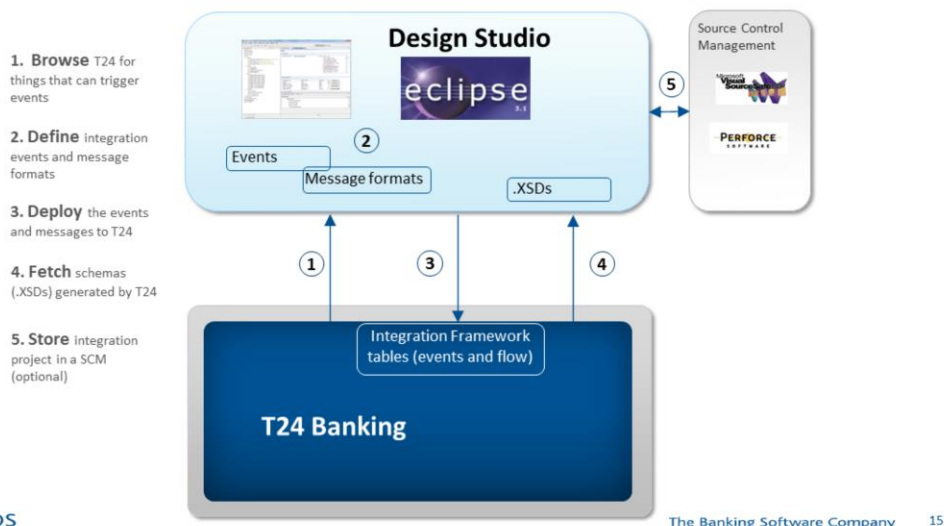
Odata is an OASIS standard created by Microsoft and allows many standard software packages such as Excel and Sharepoint to access Enterprise Data from T24 via Data Services.



Events

The Temenos platform includes a system to system integration capability that allows a systems integrator to use standard ESB messaging middleware to build integrations with other systems.

Integration Framework – Design time

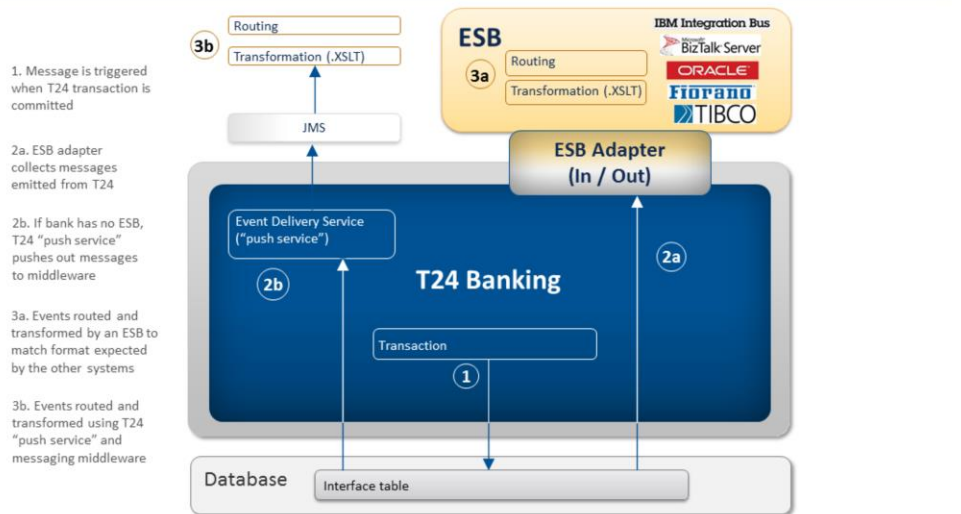


Design Studio is an Eclipse-based environment (it can also be based on Visual Studio for banks that prefer Microsoft, but only for integration purposes, whereas Design Studio in Eclipse can be used for purposes other than integration).

Design-time process:

1. Browse T24 with Design Studio to “see” things in T24 that can trigger an event
2. Define integration events and **flows**, and define enrichment
3. Deploy the messages to the T24 Integration Framework tables. T24 becomes aware that certain events should trigger a message.
4. T24 automatically creates and returns to Design Studio the schemas (.XSD) that serve to describe the structure of the .XML messages
5. Store the integration “project”, including events and flows into the SCM tool; an SCM tool helps integration teams collaborate.

Integration Framework – Run time



- 3a. The ESB adapter (provided by Temenos) collects outbound (from T24) messages arriving in the Interface table
- 3b. If the bank has no ESB, the T24 "push service" can be used to push out messages to Java Message Service (JMS) middleware

Integration Interfaces

