

binaryconnect

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Introduction.

Organisations invest millions of pounds in their journey to the cloud. Binary10 have been supporting the migration of both back and front office data since 2018.

However, IT departments are left with the problem of how to connect their existing systems in addition to new best of breed cloud-based solutions.

We developed **binaryconnect** to solve this problem.

We will carry out review of existing architecture and produce a strategy that recommends the best solution for your needs.

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Integrations Principles.



Strategy.

- An essential first phase is to gain an understanding of your existing Integrations Architecture, and your requirements going forwards.
- We would, where possible, use a common data model to aid decoupling and master data management.
- We would look to determine resource requirements both from a client and consultancy perspective.
- Risk, Issues and Programme Governance methods will be documented.

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Security.

- Everything is designed with data security in mind
- Integration Services are secured at rest and in transit
- We recommend best practice security methods
- Use of secure API -led Integrations, where possible

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Integrations Platform Selection.

- Evaluate your existing integrations architecture to determine what is already in place
- Review your as-is to-be processes to determine future integrations requirements
- We work with several different iPaaS platforms, and will recommend one that best suits your immediate and future needs

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Maintainability.

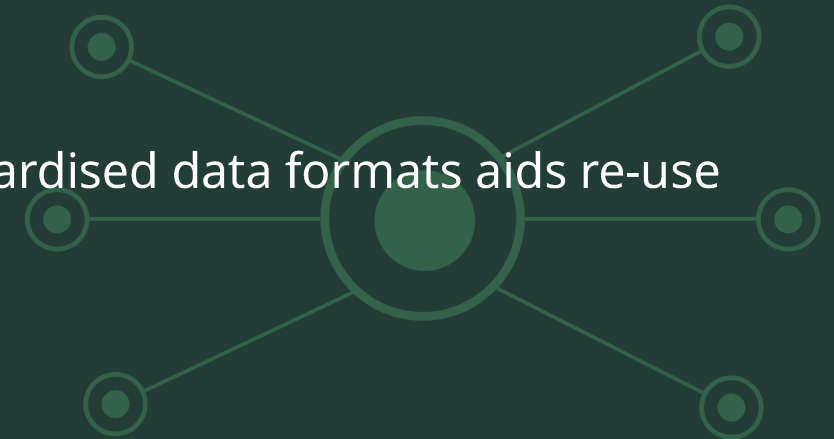
- Future proofing your integration services as far as possible, by designing them to be easily maintainable
- Decouple integrations to allow simpler maintainability
- Use of a Canonical Data Model aids decoupling
- API-led connectivity aids maintainability

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Re-use.

- Working to a standardised approach allows re-use of code/API's
- Development time and cost can be reduced via re-use
- API-led connectivity aids re-use
- Modular design and use of Canonical Data Model/ standardised data formats aids re-use



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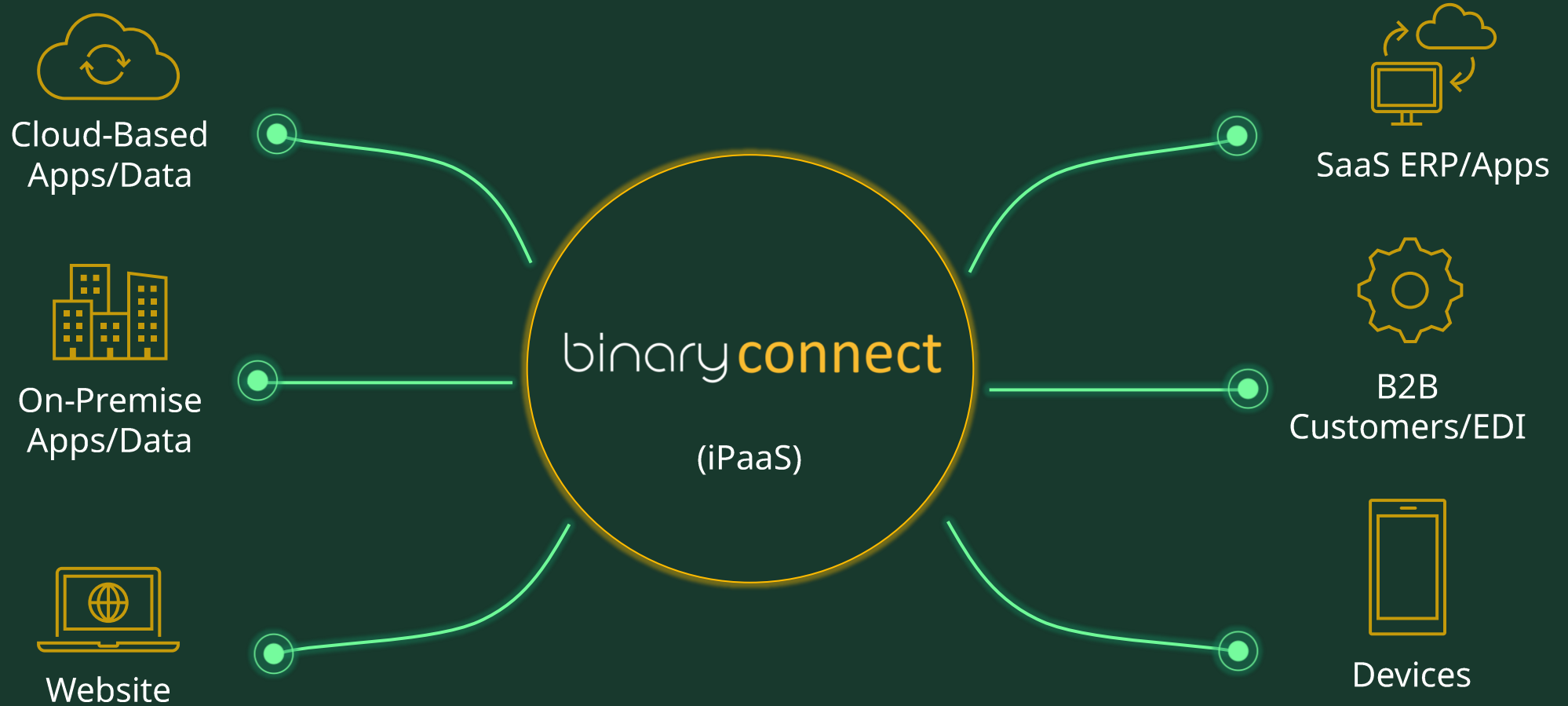
Common Data Model.

- Single source of truth for your data integrations
- A central hub via which all integrations communicate through. Avoids messy one-to-one integrations between numerous systems
- Aids Master Data Management
- Assists in decoupling integrations and re-use

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Solution Overview.



What is binaryconnect?

binaryconnect is a secure and connected integration solution designed to use binary10's best practice approach for integration to enable applications to be connected faster, securely, allowing reuse and with minimal disruption to existing services.

binaryconnect will seamlessly enable your applications to talk in real time or by scheduled processes

Key Advantages:



All integration services secured with policies
(OAuth, ClientId Enforcement)



Configuration properties
secured and encrypted



Monitoring of KPIs



Operates as a cost-effective
iPaaS solution



Not limited to a single system —
can integrate and view data from
multiple company systems



Provides meaningful log
information

1to8 : Implementation Approach.

1

Mobilise

Discuss initial high-level requirements and timelines. Risk, Comm's and Governance setup. Resourcing

2

Strategy

Detailed requirements gathering; choice of platform; Integrations approach

3

Design

Best practice design to fully meet requirements, with a focus on security, re-use and maintainability

4

Build and Unit Testing

Construct the services and associated processes/flows and ensure that they meet expected Unit Testing coverage

8

Deployment and Business Continuity

We deploy and provide hyper care, followed by continuous monitoring of the services to ensure that appropriate service levels are met, as we transition to BAU.

7

Management Service Readiness

Finalise and baseline supporting documentation and integration architecture. Carry out training and handover to managed service.

6

UAT & Regular Testing

We routinely regularly test integrations post-UAT to ensure that they are ready for go-live

5

System Integration Testing

Establish connectivity with newly prepared services, then test and approve the integrations before entering UAT

Delivery Team.

Binary10 Roles & Responsibilities

The following roles are provided as part of initial implementation – additional roles may be brought in as required to support specific client requirements.

Role	Implementation Phase	Key Responsibilities
 Project Lead	All	• Act as primary liaison with Client • Develops and Owns the Project Plan • Manages client requirements and CR's • Leads definition of UAT, Reconciliation and Cutover deliverables • Manages b10 delivery team
 Integrations Architect	All	• Supports client requirements definition • Builds the technical Infrastructure • Leads data integration requirements gathering • Oversees the technical build • Configures binaryconnect solution • Provide Training for the solution to the Integration System Administrator (Client-side)
 Developers	Design, Build, Migrate, Test and Deploy	• Develops the new Integration Services • Develops the unit tests • Supports SIT and UAT

Client Supporting Roles.

Suggested Client Supporting Responsibilities

During mobilization we can define the roles required on the client side but will as a minimum need to cover the suggested roles responsibilities.

Suggested Roles	Implementation Phase & FTE%	Key Supporting Responsibilities
 Project Lead	All (25-50%)	• Require leadership support to agree client resourcing and availability to build out project plan. • Setup of internal comms and project workspace • Work in partnership with binary10 project lead and manage client resources. • Manage Implementation sign-off
 Architect	Mobilise & Design (10-20%)	• Support Integration assessments. • Review and agree support offering • Authority role to sign-off and approve design requirements. • Internal legal support to sign Integration agreements
 Data SME's	Design, Build, Migrate & Test (25-50%)	• Execute User Acceptance testing and sign-off the solution • Support the portal, user/access and integration requirements design • Authority role to sign-off and approve design requirements • Carry out Business Process testing to ensure systems integrate as expected • Assist all defined users of the system complete training and readiness for live use.
 Tech Infra.	Build, Migrate & Test, Deploy (10-20%)	• Support Legacy system and API access and technical infrastructure • Support binary10 Technical Lead

binary10 | Contact Information

Please feel free to contact binary10 for any further information or enquiries.

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