

A large, solid blue rectangle with rounded corners is centered on the page. Inside this rectangle, the text 'API Integration Capability' is written in a white, sans-serif font. The rectangle is surrounded by several colorful diamond shapes in various colors like orange, yellow, pink, purple, and green, scattered around the edges of the slide.

API Integration Capability

A decorative vertical pattern of overlapping diamond shapes in various colors (purple, blue, green, yellow, orange, red) runs down the left side of the page.

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A decorative pattern of overlapping, semi-transparent diamond shapes is positioned on the left side of the slide. The diamonds are arranged in a roughly triangular shape pointing downwards. The colors of the diamonds include shades of blue, green, yellow, orange, red, pink, and purple, creating a vibrant, multi-colored effect.

INTRODUCTION

Third Party API Integrations



Introduction

Bud provides a suite of APIs that Customers can push and pull Bud data to support their business processes.

At present, some of these APIs relate to Apprenticeships only, and we're looking to develop the same capabilities for Other Skills & Training (OST) programmes.

In addition to this overview, we provide how to guides in Zen Desk and a Developer Hub that your team can use to dive straight in.

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DESIGN

Third Party API Integrations

API Design

All our APIs are Secure HTTP and conform to REST design principles.

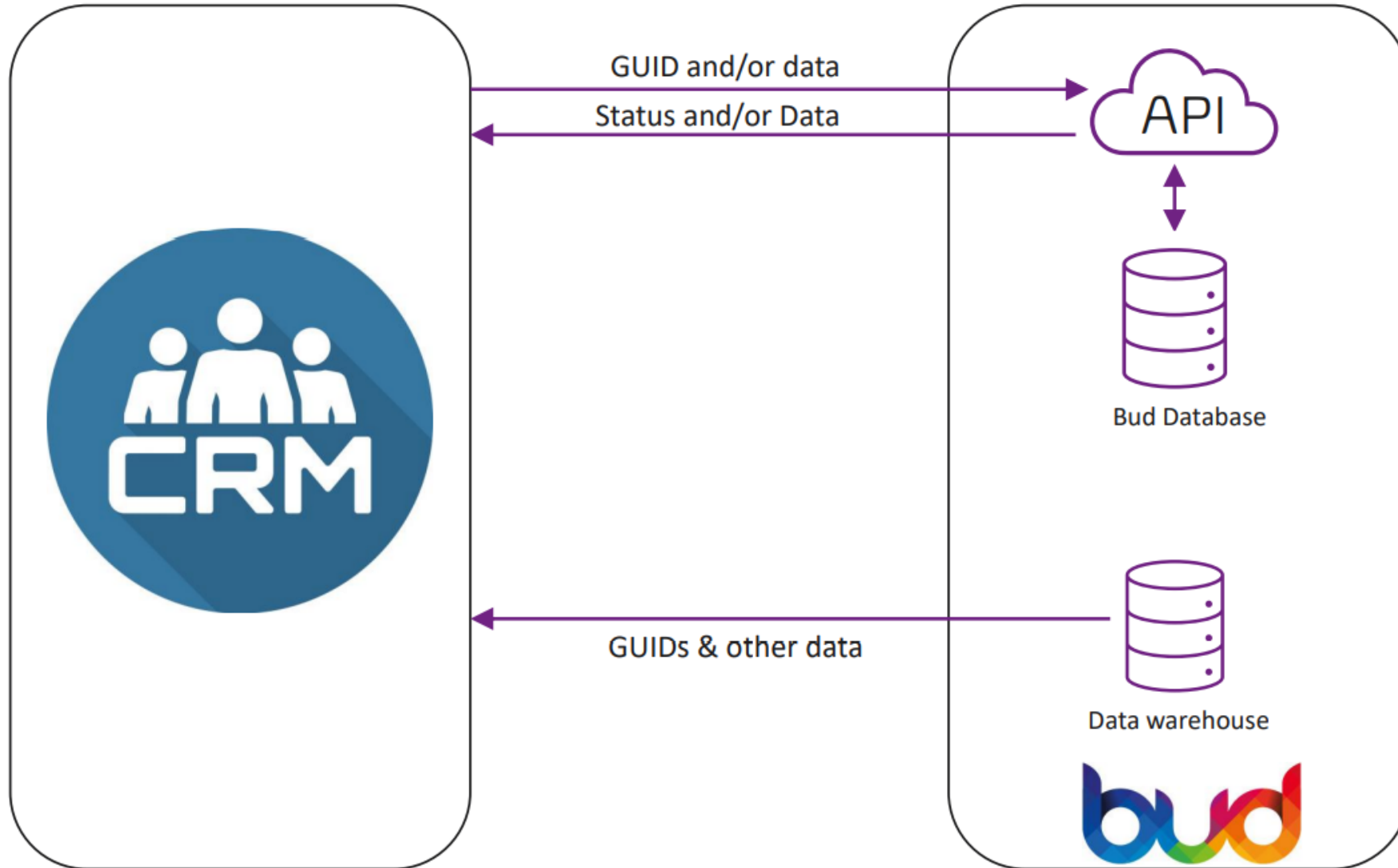
Security of our APIs is provided by token-based authentication, using the OAuth2 protocol. Documentation on authentication and authorisation can be found in our Zen Desk articles and Developer Hub.

Each end-point has different methods, they aren't all the same.

There are limited 'Get' methods (for reading data) within the APIs. Further data can be read directly out of the Bud Data Warehouse.

Every end-point expects and will return JSON.

Architecture



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CAPABILITIES

Third Party API Integrations

Capabilities



Entity	Summary	Create	Read	Update
Apprentice Application	To create and retrieve application information.	X	X	
OST Application	To create an Applicant specifically for an OST programme. Note this utilises a new Gateway.	X		
Supporting Evidence	To create supporting evidence for an existing application.	X		
Qualification Evidence	To create qualification evidence for an existing application.	X		

Capabilities



Entity	Summary	Create	Read	Update
Employer	To create or update an Employer and change the parent of an Employer.	X	X	X
Employer Contact	To create Contacts associated Employers and update their personal information.	X		X
Activity	To add a submission to a Learning Plan activity or complete an activity.			X
Learning Plan	Retrieves the status of a learner and a list of their activities.		X	
Payment information	Update TNP prices on an existing funding illustration and create or update payments against a Learners funding record.	X		X

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DEVELOPMENT SUPPORT

Third Party API Integrations

How do we help?



How to Articles

Our 'How To' articles provide information on how you could integrate with our APIs, along with additional information to support your planning and implementation.

[ZenDesk Articles](#)



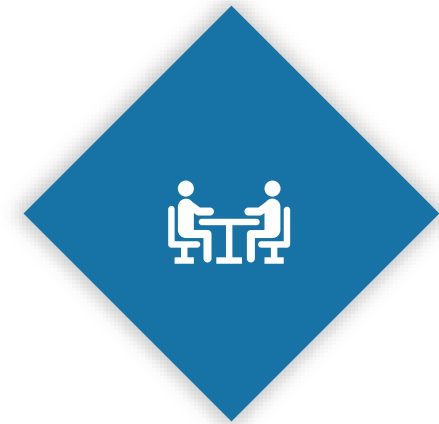
Developer hub

Our 'Developer Hub' provides details of our API end-points. Including authentication, methods, expected responses and models, along with a 'Try it out' function.

[Developer Hub \(Apps\)](#)

[Developer Hub \(OST\)](#)

Bud Systems Public



Expert Consultation

In addition to the self-serve documentation, Bud can provide an expert to support and guide you in leveraging our APIs. For more information, contact your Customer Success Manager.

Thank You

Please speak with your Customer Success Manager to find out more and to get started.

