



TICKETBAI AND BATUZ THE MOST COMPREHENSIVE SOLUTION

November 2023



CODE10



ABOUT CODE10



Code10 is an international IT consulting firm that specializes in SAP integration, development, and project management. As a global team of SAP experts from multiple countries, we can better understand the unique needs of our clients in different regions.

Code10 experienced specialists have deep knowledge of SAP business processes, as well as a variety of project methodologies and technologies.

Code10 has extensive experience in multiple industries, especially in retail, building materials, design services, pharmaceutical manufacturing and apparel & fashion.

Our areas of specialization include the following projects:

- middleware migrations to SAP Integration Suite or boomi
- eInvoicing, SAF-T
- EDI (for customers, suppliers, and third-party logistics)

We are Silver SAP partner and boomi

What **PROJECTS** CAN we do for you?

What **INTEGRATION** EXPERTISE DO we have?

What **SAP DEVELOPMENT** services CAN we offer?

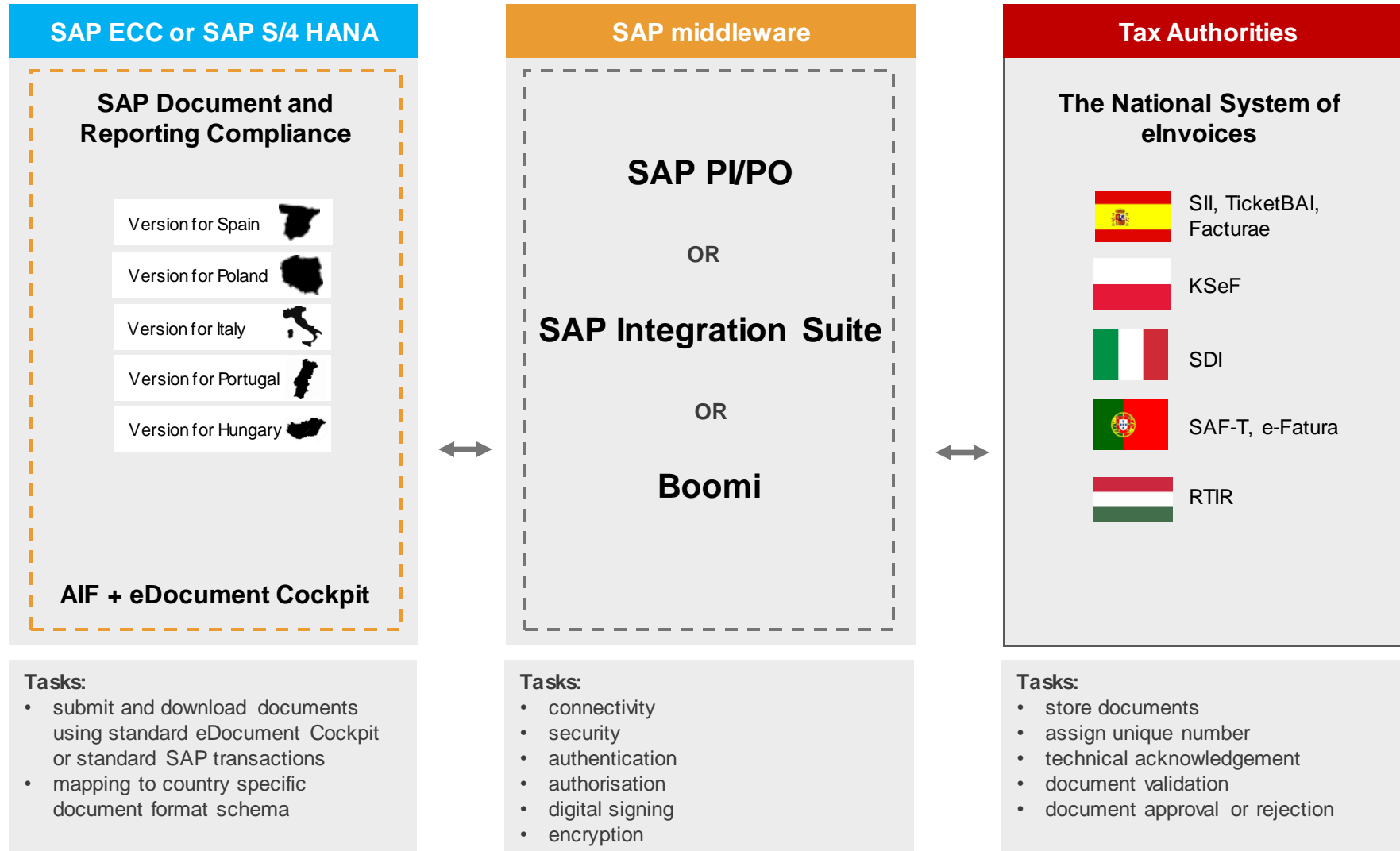




Experience

We have implemented **20+**

eInvoicing projects (KSeF, SII, TicketBAI, SDI, SAF-T, RTIR, eFatura, etc.) for multiple countries.



TicketBai / Batuz

Technical solution

Description of the TicketBai/Batuz requirement defined by the Basque administrations.

Functional scope

Description of the technical solution developed by Code10 for TicketBai and Batuz.

Implementation

Description of the functional scope of the solution.

Description of the project plan.

Individuals and entities obligated to comply with **TicketBai** in any of the three Basque provinces must have a billing system registered as **guarantee software**. This billing system must meet the following requirements:

- **Be certified by the provincial tax authorities.**

- **Ensure data integrity.**

All TicketBai files (entries, cancellations) sent to the provincial tax authorities must be signed in compliance with the specific regulations.

- **TicketBai identifier**

Alphanumeric code that identifies the invoice in the TicketBai system. A 39-character alphanumeric code in the format TBAI-NNNNNNNNN-DDMMAA-FFFFFFFFFFFFFF-CRC, where the CRC is generated by applying the CRC-8 algorithm to the previous 36 characters.

- **QR Code**

QR code that must contain a valid URL to access the web application for verifying invoices or receipts.

The Batuz system, applicable to companies reporting to the provincial tax authorities of Vizcaya, comprises the following components:

- **Ticket Bai guarantee software**
- **Books of Economic Operations Records (LROE) (Forms 140 and 240)**

System through which the following information is reported:

- ✓ Record of Issued Invoices with Guarantee Software (including the XMLs of TBAI)
- ✓ Record of Issued Invoices without Guarantee Software
- ✓ Record of Received Invoices
- ✓ Record of Capital Goods
- ✓ Record of Certain Intracommunity Operations
- ✓ Record of Cash Accounting Criteria
- ✓ Record of Other Information with Tax Relevance
- ✓ Record of Accounting Transactions

Based on all this received information, the provincial tax authorities of Vizcaya will prepare draft returns for VAT, Corporate Tax, and Income Tax.

The implementation schedule for both TicketBai and Batuz has been gradually modified. Currently, the implementation dates are as follows:



- January 1, 2024, for all physical entities (Model 140) and legal entities (Model 240)



- January 2022: start of the voluntary period
- April 2022: Collaborating advisory services (physical and legal persons) of the DFA
- July 2022: Pharmacies and professional activities included in section 2 of IAE codes
- December 2022: Rest of entities



- July 2022: Tax management professionals
- September 2022: Professional activities
- November 2022: Retail trade, hospitality, and accommodation
- April 2023: Construction, real estate development, transportation, and recreational services
- June 2023: Manufacturing, telecommunications, and the rest of obligated entities

TicketBai / Batuz

Technical solution

Functional scope

Implementation

- CODE10 has developed a solution for Batuz/TicketBai based on SAP Document Compliance.
- This architecture allows us to harmonize the TicketBai/Batuz solution with the rest of SAP's electronic invoicing solutions.
- Both signing and sending are done through SAP PI/PO or SAP CI.
- End-to-end solution with guarantee software registered in the three provincial tax authorities.
- Fast, packaged implementation.

BASED ON SAP EDOCUMENT FRAMEWORK



EDocument Cockpit

Source Document:

Variant: Default Selection

Show Recent eDocuments: 30 Days

Result Overview

Result Overview	No.
Spain	358
• BATUZ Lists	152
• Ticket Bai Inbound	17
• Ticket Bai Outbound	189

Ticket Bai Outbound

Stat.	Proc.	Status	Descr.	eDocument Source Key	Source Description	CoCode	Type Description	Creation Date	Created on
▲	Created			230018000004672023	Accounting Document	2300	TicketBai Outbound Invoice	01.06.2023	09:25:54
▲	Created			230018000004702023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Created			230018000004712023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Registered Batuz			230018000004622023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Signed			230018000004682023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Signed			230018000004692023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Registered Batuz			230018000004602023	Accounting Document	2300	TicketBai Outbound Invoice	26.05.2023	17:08:49
▲	Registered Batuz			230018000004612023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Registered			0090040625	Billing Document	2300	TicketBai Outbound Invoice		16:59:23
▲	Registered			0090040624	Billing Document	2300	TicketBai Outbound Invoice		16:55:49
▲	Registered Batuz			0090040623	Billing Document	2300	TicketBai Outbound Invoice		16:01:31
▲	Included in a List (in proc.)			230018000004582023	Accounting Document	2300	TicketBai Outbound Invoice		15:32:06
▲	Included in a List (in proc.)			230018000004592023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Included in a List (in proc.)			230018000004562023	Accounting Document	2300	TicketBai Outbound Invoice		15:24:55
▲	Included in a List (in proc.)			230018000004572023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Created			230018000004542023	Accounting Document	2300	TicketBai Outbound Invoice		15:00:55
▲	Created			230018000004552023	Accounting Document	2300	TicketBai Outbound Invoice		
▲	Included in								
▲	Included in								
▲	Registered								
▲	Registered								
▲	Registered								
▲	Registered								
▲	Registered								
▲	Included in								

The eDocument cockpit serves as the **single point of access** for all electronic invoices in SAP.

Homogeneous solution, we provide the **same look and feel** as the rest of SAP's standard invoices.



EDocument Cockpit

Source Document:

Variant: Default Selection

Show Recent eDocuments: 30 Days

Result Overview

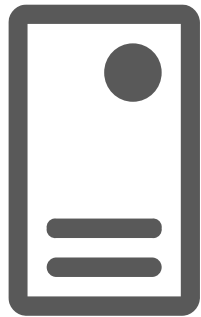
Result Overview	No.
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BATUZ Lists

Stat.	Proc.	Status	Descr.	eDocument Source Key	Source Descr.	CoCode	Type Description	Creation Date	Created on
■	Accepted			0CC47A02C28B1EDE8089D171E01CA0CF	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG	01.06.2023	09:33:08
■	Accepted			0CC47A02C28B1EDDBEFAE9543B6100CE	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG	26.05.2023	17:09:21
▲	Created			0CC47A02C28B1EDDBEF9D328DBA1E0CE	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG		16:07:18
▲	Created			0CC47A02C28B1EDDBEF9D328DBA220CE	eDocument List	2300	Batuz/LROE 1.2 F.Emitidas n SG		
▲	Accepted			0CC47A02C28B1EDDBEF9BD0CACDDC0CE	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG		16:02:14
●	Rejected			0CC47A02C28B1EDDBEF9A80E190F20CE	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG		15:57:36
■	Accepted			0CC47A02C28B1EDDBEF99C565F2DC0CE	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG		15:54:52
●	Rejected			0CC47A02C28B1EDDBEF95276A4C800CE	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG		15:38:24
●	Rejected			0CC47A02C28B1EDDBEF941670490E0CE	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG		15:34:36
■	Accepted			0CC47A02C28B1EDDBEF9385885E180CE	eDocument List	2300	Batuz/LROE 1.1 F.Emitidas SG		15:22:40

TECHNICAL SOLUTION - TICKETBAI

SAP S/4 HANA
SAP ECC



SAP Integration
Suite – Cloud
Integration *



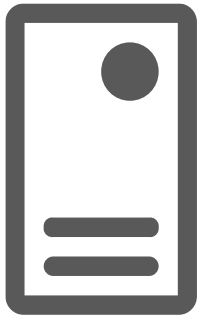
- Generation of TicketBai XML
- Generation of PDF invoice with QR
- Invoice Management Cockpit (eDocument Cockpit)

- Signing TicketBai XML
- Generation of TicketBai Identifier
- Sending to the provincial tax authorities of Alava and Guipuzcoa



* Also available in SAP PO and Boomi.

SAP S/4 HANA
SAP ECC



SAP Integration
Suite – Cloud
Integration *



- Generation of TicketBai and LROE** XML
- Document Management Cockpit (eDocument Cockpit)

- Signing TicketBai XML
- Signing and sending BATUZ

* Also available in SAP PO and Boomi.

FUNCTIONAL SCOPE

- **Signing of TicketBai** for the provincial tax authorities of the three provinces (Álava, Guipúzcoa, and Vizcaya)
 - **Creation, cancellation, and inquiry** of TicketBai (Álava and Gipuzkoa).
 - Invoice correction through the **Zuzendu** service (Álava and Gipuzkoa)
 - Adaptation of **a maximum of 5 forms** (Adobe Forms) **with QR codes and TicketBai Identifier**. Adaptations of additional forms or conversion to Adobe Forms will be analyzed separately.
- In Vizcaya, for Batuz, we cover the following books of LROE model 240 for legal entities:
- Sending and cancellation of invoices issued with SG (TBAI submission)
 - Sending and cancellation of invoices issued without SG
 - Sending and cancellation of received invoices
-
- Additional functionalities (self-invoicing, other LROE books, archiving in DMS) are out of scope and will be analyzed and implemented separately if required.

TicketBai / Batuz

Technical solution

Functional scope

Implementation

FUNCTIONAL SCOPE

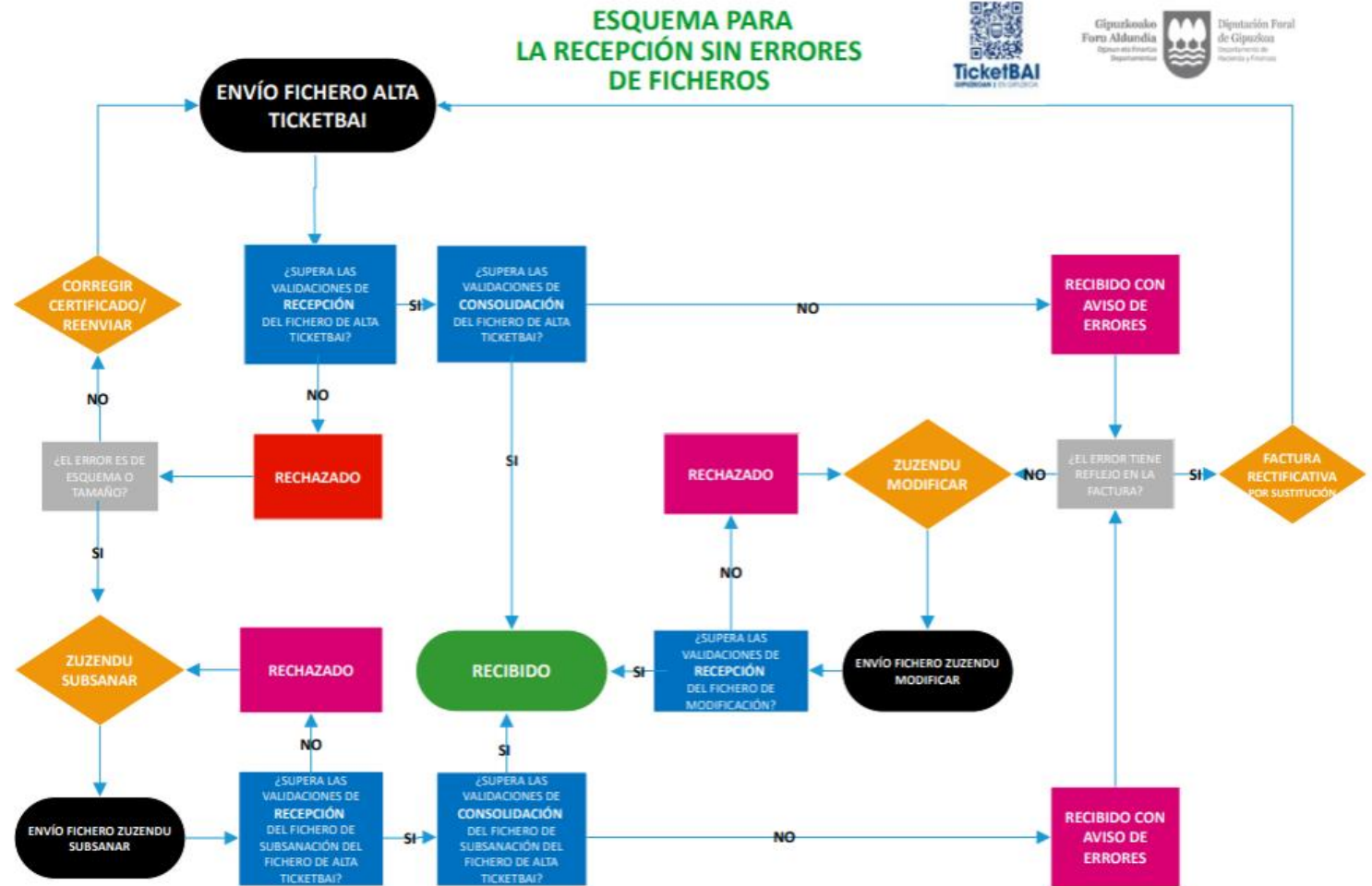


ZUZENDU (Invoice Correction)

In case of errors not related to amounts on the invoice. Our functionality covers the management of this type of errors through the Zuzendu webservice with its two scenarios:

- Correction
- Modification

In case of errors in invoice amounts, a corrective invoice must be issued through a credit note and a subsequent charge



TicketBai / Batuz

Technical solution

Functional scope

Implementation

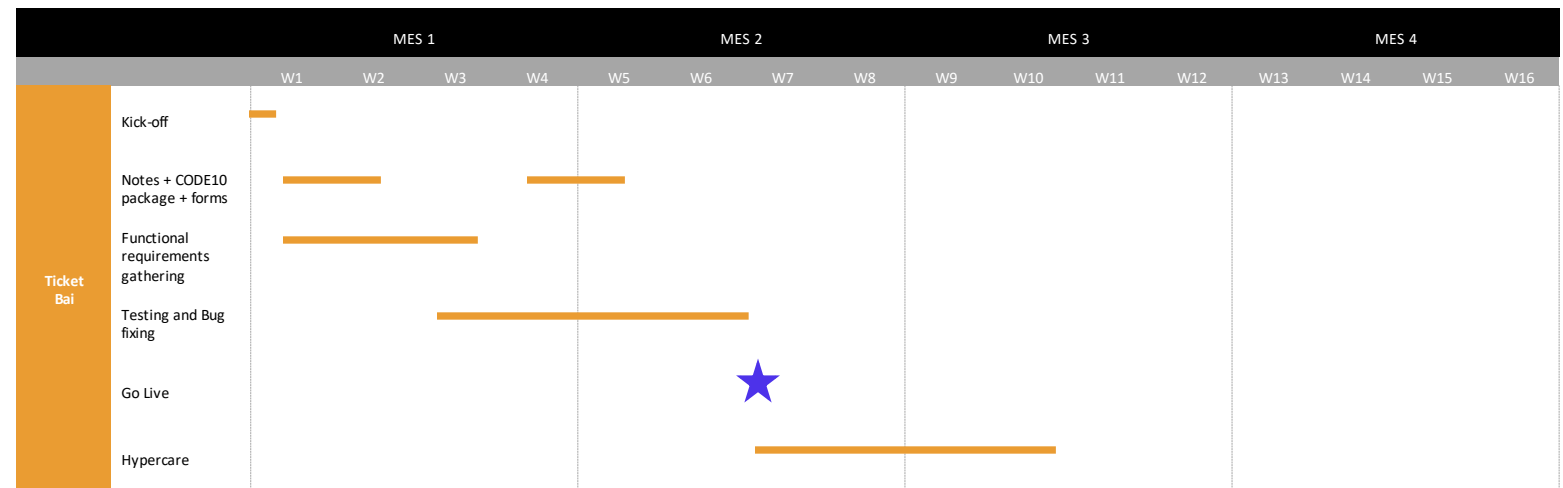
- Once the CODE10 proposal is accepted, the commitment is to start the work within a **maximum period of 2 weeks**
- The delivery schedule for the functionalities would be:
 - **TicketBai**: 30 working days from the start of the work
 - **Batuz***: 40 working days from the start of the work

*Due to the launch of TicketBai in Guipuzcoa, the Batuz work will not start before August 1st to ensure service for our clients in Guipuzcoa.

TICKETBAI IMPLEMENTATION



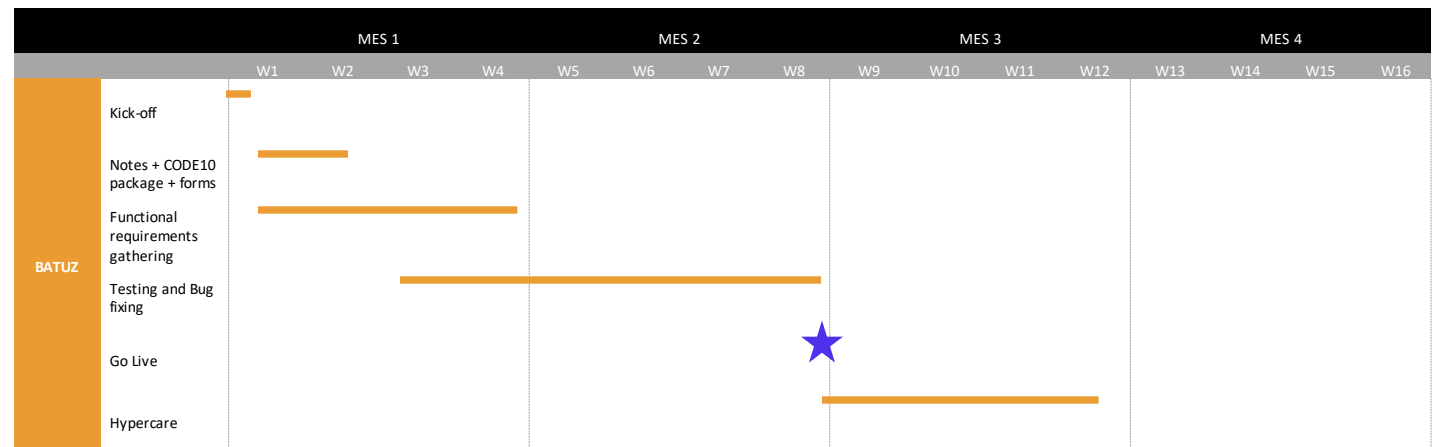
At Code10, our streamlined development and specialized solutions enable us to achieve Go Live for standard implementation of our TicketBAI projects in just 6 to 7 weeks. This approach allows us to complete these projects within 11 weeks. Our fast and effective execution reflects our dedication to quality and helps our clients quickly take advantage of our TicketBAI solutions. This not only boosts their operational efficiency but also ensures compliance in a shorter timeframe.



BATUZ IMPLEMENTATION



At Code10, our expertise shines in the swift implementation of Batuz projects. We achieve Go Live in only 8 weeks, showcasing the effectiveness of our methods and team. This efficient process enables us to wrap up the entire project in just 12 weeks. Our clients quickly enjoy the advantages of our solutions, blending speed with accuracy. Every Batuz project we undertake aims to surpass our clients' expectations through our agile and meticulous approach.



BENEFITS



The advantages of Code10 eInvoicing – SAP Integration with TicketBAI® are:

End-to-end solution. No need to invest in third parties EDI tools or platforms.

Security managed by SAP Business Technology Platform (all transmissions are encrypted using HTTPS and TLS to ensure that sensitive information is protected during communication between systems)



Use of standard SAP Document and Reporting Compliance transaction e.g., EDOC_COCKPIT and flawless integration with SAP DRC solution

Rapid deployment and easy configuration

Seamless adjustment and updates to new XML formats and communication with TicketBAI platform



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