UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

UNITED NATIONS CENTRE FOR TRADE FACILITATION
AND ELECTRONIC BUSINESS (UN/CEFACT

BUSINESS REQUIREMENTS SPECIFICATION
(BRS)

Check IBAN Service Open Finance Use Case

Approved: UN/CEFACT Bureau _____

Version: 1.1

Release: 0.0

31

TABLE OF CONTENTS

62

1 Preamble

This document describes the *'Check IBAN Service open finance use case'* as part of the payment process in order to prevent payment fraud occurring within the supply chain process.

The current practice of exchanging business documents (a.k.a. business data exchange structures or messages) by means of telecommunications – usually defined as e-Business presents a major opportunity to improve the competitiveness of companies, especially for Small and Medium Enterprises (SME). The digitalization of the financial sector itself has led to an increasing availability of easily accessible innovative services at decreasing costs, therefore promoting financial inclusion.

This Business Requirement Specification (BRS) describes the information exchange standard for the '*Check IBAN Service open finance use case*', to enhance cybersecurity and fraud detection measures within electronic business and international trade by immediately verifying the correct association between a given IBAN/BBAN[1] (International Bank Account Number) and a certain Tax code or VAT number. Both businesses and public administrations will benefit, speeding up administrative procedures within the international supply chain.

The financial services industry has seen profound technology-led changes over the past years, experiencing a "revolution" due to the impact of new paradigms based on "open" models, which are adopted nowadays in over 40 countries worldwide.

The Covid-19 pandemic has pushed financial institutions to increase their investments in innovative technologies but also governments to develop legislative regulations to strengthen security. An increasing number of innovative services became available. This, however, has also increased its overall vulnerability and makes the overall financial economic system a prime target for malicious actors. As the world's payments environment becomes more cashless, the growth in digital payment transaction value increases.

Regulations haven been installed, such as within European Union, that state that all Payment Services Providers (PSPs), offering the service of sending of euro instant payments (IPs), are required to provide their Payments Service Users (PSUs) with a service checking that the payee's IBAN/BBAN account number is valid. The user remains free to decide whether to submit the payment order for an instant payment in all cases.

Within the financial international community there is a steadily growing interest in payment-related services, which allow both businesses and public administrations to mitigate risks by checking the match between the IBAN/BBAN and other payee related data. These services allow to immediately verify, through their reference PSPs, that a given IBAN/BBAN is actually matched to provided data, such as the payee's name, certain Tax code or VAT number.

There is a major need of use cases and standards for the exchange of messages that support fast, secure and reliable connections. This BRS describes the data exchange between business partners, as much as possible, in a technology agnostic manner. However, the technology for exchanging open banking data over the web and granting full interoperability on a global and open scale is nowadays API JSON-Rest/JSON.

In particular, the *Check IBAN Service Open Finance Use Case* aims to provide:
- significant cost savings
- greater efficiency
- reduced environmental impact of financial services
- innovation throughout a collaborative ecosystem

---

[1] BBAN (Basic Bank Account Number), see definition of terms

1.1 Objective

The objective of this document is to standardize the IBAN verification process. This includes the business process, the business use case, the business transactions and necessary business entities. The elaborated business process describes the way business partners intend to play their respective roles, establish business relations and share responsibilities to interact efficiently with the support of their respective information systems. Each business transaction is realized by an exchange of business documents (a.k.a. data structures or messages). The sequences in which these data structures are used, composes a particular instance of a scenario and are presented as sequence, use case and activity diagrams in this document.

The IBAN verification process should make the process of verifying the match between a given IBAN/BBAN and a certain Tax code or VAT number efficient, cost-effective and meanwhile contributing to enhancing cybersecurity and fraud detection measures within electronic business and international trade.

This document follows the publication in June 2022 of the '*White Paper on Open Finance to Support Trade Facilitation*[2], prepared by the UN/CEFACT Finance & Payment domain, which describes open finance use cases. The "*Check IBAN Service*" use case is the first deliverable of the likewise named project. At a later stage, the optional deliverable of this project will define the technical artefacts and CCBDA data structures (messages) to be included in the UN library (UNCCL). This document specifies the '*Business Information View*' in business terms, their technical variant might differ due to harmonization efforts of the Library Maintenance team. For the moment, this document forms the basis for further development of electronic standardized messages (e.g. APIs).

The *Check IBAN* service can be utilized by intermediaries, such as public administrations and businesses, on behalf of their clients or directly by clients themselves through a "calling" PSP[3].

Intermediary Use of *Check IBAN service*

In the scenario of 'Intermediary Use' the Payment Services User (natural person or legal entity) provides a combination of an "IBAN/BBAN + Tax code or VAT number" to the intermediary (e.g. public administration or corporate). The intermediary will use the *Check IBAN* service of a financial institution acting as the 'calling' PSP which uses a payment services gateway (centralized infrastructure). The gateway will search for the appropriate responding PSP. The responding PSP matches the data in the IBAN verification request with the user's actual bank account data. The match result will be forwarded all the way back to the intermediary. The intermediary will notify the Payment Services User about the match result, which is mandatory in the event of either a negative or positive match result.

Direct Use of *Check IBAN service*

In the scenario of 'Direct Use,' the Payment Services User, acting as a Payment Services Customer (PSC), utilizes the Check IBAN service directly and sends the necessary information straightaway through the 'Calling' PSP.

1.2 Audience

The audience of this document is all users who are interested in mitigating risks related to instant payments.

---

[2] https://unece.org/trade/uncefact/guidance-material

[3] The PSP entity that makes requests to a web service (e.g. API).

151 ## *1.3 Reference Documents*

152   Knowledge and application of the following standards is crucial.
153   • UN/CEFACT Modelling Methodology (April 2011)
154   • UN/CEFACT Business Requirement Specification – Template v2.0.1 (May 2012)
155   • UN/CEFACT White Paper on Open Finance to Support Trade Facilitation (06-2022)
156   • Open Banking Standard Glossary [4]

157 ## *1.4 Change log*

Date of Change	Version	Changed	Summary of Changes
8-MAY-2024	1.0	-	Initial Draft
17-JULY-2024	1.1	typo corrected on page 18: ID Identifier, Date time of Verification "response" (previously "request")	Initial Draft, final

158 # 2 Business Requirements View

159 ## *2.1 Business Domain View*

160   This section describes the extent and limits of the business process within the supply chain
161   being described in this document. The International Supply Chain Reference Model
162   (ISCRM) covers the processes following the recognition of need by a customer for a product
163   or service up until the fulfilment of an order by a supplier and the resulting financial
164   settlement. The payment (PAY) section of the supply chain processes takes place when the
165   demand for payment is received. The payer makes the payment and the payee receives the
166   payment according to the terms of trade agreed. In the payment cycle the transfer of funds
167   takes place between the supplier (seller) and customer (buyer) and in settlement of the
168   amounts that are due for the supply of goods and services. The *Check IBAN Service* is part
169   of the financial services within the payment section.
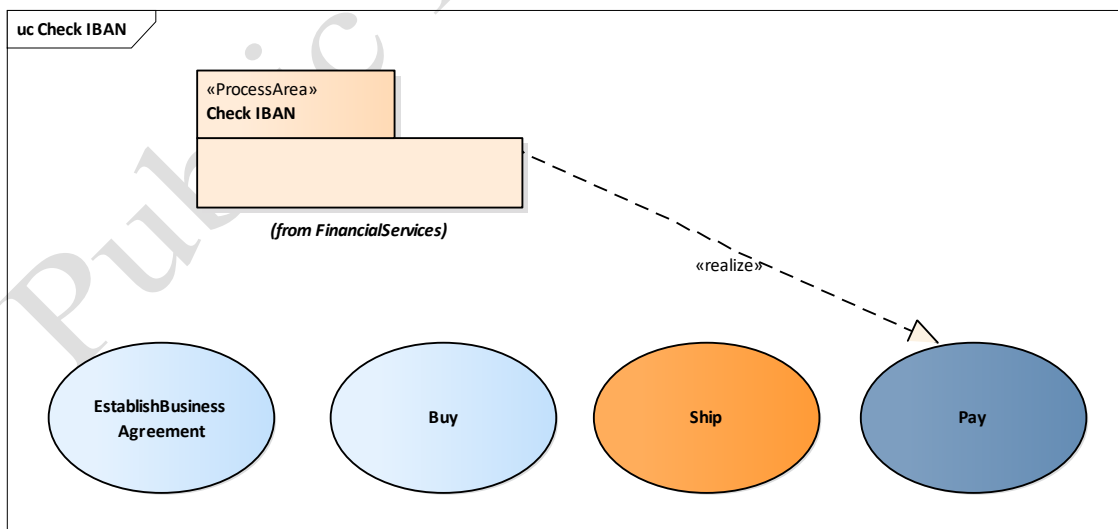
170
171   **Figure 1: Positioning *Check IBAN Service* within the UN/CEFACT Process Models**

172

Categories	Description and Values
Business Process	BUY-SHIP-PAY/Procurement&Sales/Pay/IBANVerification

---

[4] https://www.openbanking.org.uk/glossary/

Product Classification	All
Industry Classification	All
Geopolitical	Global
Official Constraint	None
Business Process Role	Requestor, Responder
Supporting Role	Payment Services Customer: Intermediary users (e.g. Public administration, Corporate) and direct users. Payment Services Provider: Financial Intermediary Institution (banks, non-banks). Payment Services Gateway: Centralized Infrastructure.
System Capabilities	No limitations

173   **Table 1: Context Categories**

174   *2.2 Definitions of terms*

Term	Abbreviation	Definition
Application Programming Interface	API	An Application Programming Interface (API) is a set of rules and tools that allows different software applications to communicate with each other.
Instant Payment	IP	Instant payment (sometimes referred to as real-time payment or faster payment) is a method of electronic funds transfer, allowing for almost immediate transfer of money between bank accounts.
International Bank Account Number and Basic Bank Account Number	IBAN/ BBAN	The International Bank Account Number (IBAN) is an internationally agreed upon system of identifying bank accounts across national borders to facilitate the communication and processing of cross border transactions with a reduced risk of transcription errors. A Basic Bank Account Number (BBAN) is a bank account number format used in some countries for domestic bank transfers and direct debits. It typically includes a country-specific bank code, branch identifier, and account number. BBANs are used in conjunction with IBANs (International Bank Account Numbers) for international transactions, providing the necessary information for routing funds within a specific country.
Open Finance		The extension of open banking-like data sharing and third-party access to a wider range of financial sectors and products, such as savings, investments, pensions and insurance.
Routing		The handling of incoming requests by a payment services gateway and mapping of requests to the appropriate endpoint of the responding PSP.
Tax Code	Tax no	A unique identifier, issued by the Tax Authority and assigned to an individual person.
United Nations Core Component Library	UNCCL	The United Nations library of reusable business information entities.
Value Added Tax Number	VAT no	A unique identifier, issued by a Tax Authority and assigned to businesses and entities that are registered for Value Added Tax (VAT). The format of VAT numbers can vary between countries.

175   **Table 2: Definitions of terms**

176   *2.3 Business Requirement Statement*

Nr.	Business Requirement Statement
A.1	Ensure the combination of IBAN/BBAN and Tax code /VAT numbers provided is valid.

Nr.	Business Requirement Statement
A.2	Validation of IBAN/BBAN associated data through official channels, such as a payment services gateway, using a collaborative ecosystem governed by financial institutions.
A.3	Simplify the implementation of the *Check IBAN service* by making the service available to payment service providers in order to verify in real time the data provided by an applicant (natural person or legal entity). The provided data consists of a IBAN or BBAN and a Tax code/VAT number.
A.4	Use of innovative technologies, such as APIs available on a centralized infrastructure, that enables the provision of easily accessible services at decreasing costs, thereby promoting financial inclusion.
A.5	It is advisable to verify the Tax code/VAT number before executing the *Check IBAN service* to ensure its legitimacy and registration with the appropriate tax authorities. The process of verification the Tax code/VAT number is not covered within the scope of this BRS.
A.6	The payment services provider should notify his customer if the data, provided by the user, is incorrect.
A.7	The payment services customer must obtain consent from the user to access open banking data for verifying the provided bank data.
A.8	The data model supporting IBAN verification requests should be designed in a way that allows for the incorporation of future data associated with and verified alongside the IBAN/BBAN.
A.9	While different syntaxes may be preferred (e.g., JSON-Rest), this BRS strives to be as technology-agnostic as possible.

177 **Table 3: Requirement Statement List**

178

179 In below Figure 2 you will find the *Check IBAN Service* open finance use case, part of the
180 payment section. As shown, the Payment Services Customer and the Payment Services
181 Provider are mapped to the Buy-Ship-Pay Customer and Supplier.
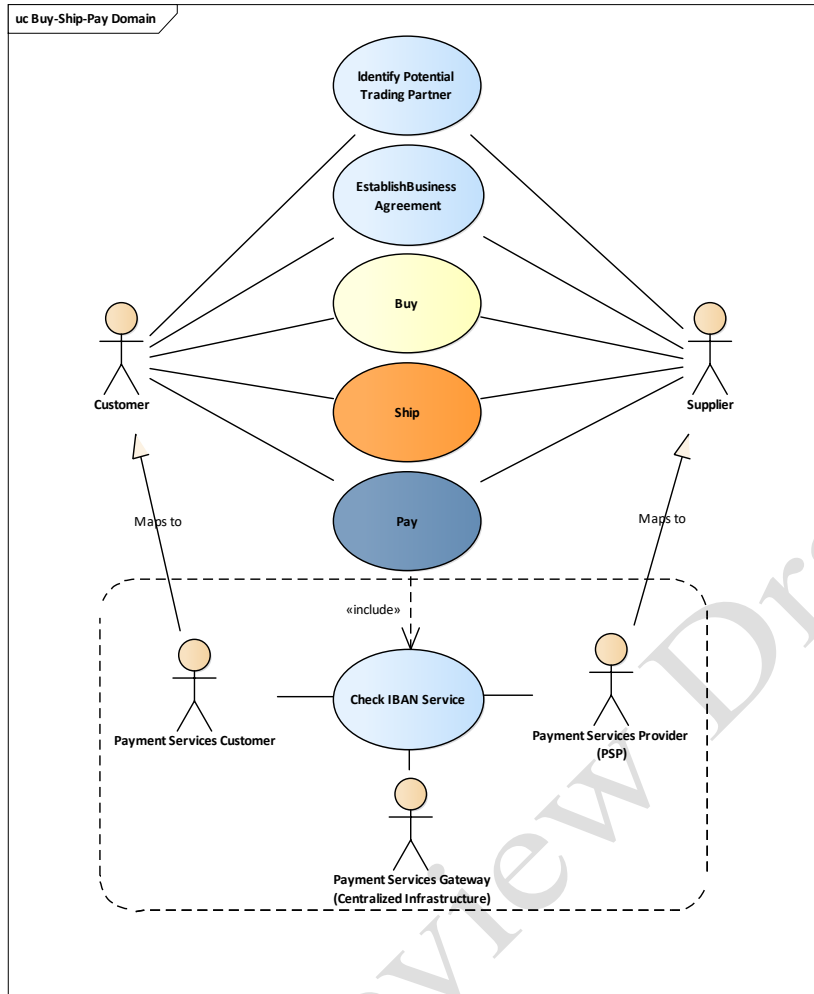
Figure 2: *Check IBAN Service* open finance use case, part of the payment section

2.4 Business Partner View

The business partner view captures a list of business partners and stakeholders in the domain under as well as the relationships between them.
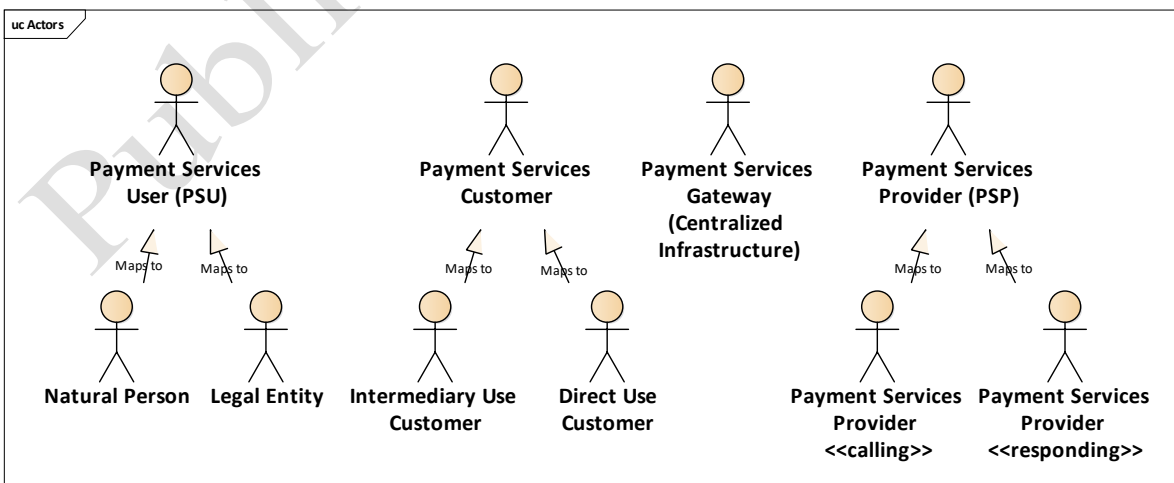

Figure 3: Actors

Partner	Definition
'Direct Use' Payment Services Customer	The Check IBAN service is utilized directly by a payment services customer without the use of an intermediary. These payment services customers are also known as a 'private customer' of the service.
'Intermediary Use' Payment Services Customer	The Check IBAN service is utilized by an intermediary, such as a public administration or corporate, on behalf of their clients.
e.g. Public Administration (PA)	An organization or government body that has the legal power and responsibility to carry out specific functions for the public interest.
e.g. Corporate	A legal entity from its owners, providing limited liability protection to shareholders.
Financial (Intermediary) Institution	An organization or establishment (banks and non-banks) that provides financial services and products to its clients, customers, or members. They offer a range of financial services including but not limited to banking, lending, investment, insurance, and wealth management.
Legal Entity	A lawful, identifiable organization or individual that has legal standing, rights, and obligations under the law.
Natural Person	An individual human being.
Payment Services Customer	A business, or entity that utilizes a service of a Payment Services Provider (PSP) to send, receive financial transactions electronically.
Payment Services Gateway	A financial technology company or service provider that facilitates payments by acting as an intermediary between payment services customers and payment services providers (financial institutions: banks and non-banks).
Payment Services Provider (PSP)	A Payment Services Provider is an entity which carries out regulated payment services.
Calling PSP	The PSP entity that makes requests to a web service (e.g. API). This could be a bank or non-bank, also referred as a Financial Intermediary Institution (a.k.a. the calling agent).
Responding PSP	The PSP entity that receives incoming requests, and that executes the necessary actions, and generates responses. In the context of this document, it is a bank (a.k.a. the responding agent).
Payment Services User (PSU)	A Payment Services User is a natural or legal person making use of a payment service as a payee, payer or both.

191 **Table 4: Definition of actors**

2.5 Business Entity View

193 Below, the conceptual model represents the basis for further development of electronic
194 standardized messages supporting the *Check IBAN Service* open finance use case. The entity
195 life cycle, which delineates the possible outcomes of the IBAN verification request/response
196 within the business process, is depicted in Figure 6 Entity Life Cycle diagram. The IBAN
197 verification request contains the financial account data provided by the PSU to the payment
198 services customer, while the response contains the actual financial account data held by the
199 payment services provider.
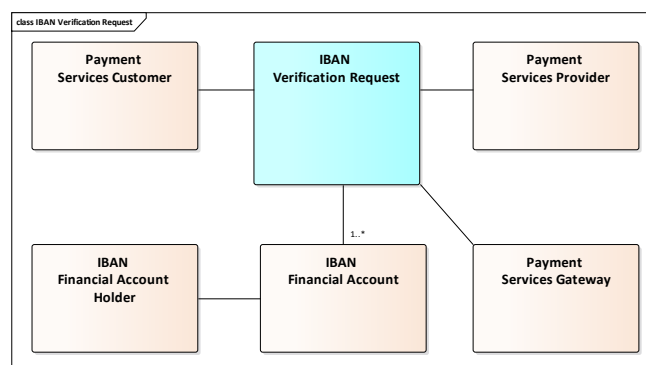
200

201

Figure 4: Conceptual Data Model IBAN Verification Request
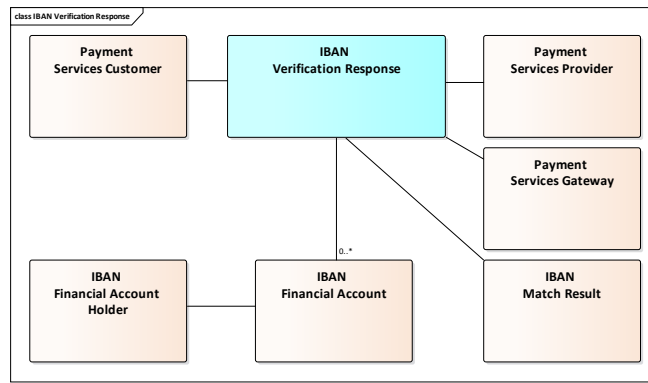
202

203

Figure 5: Conceptual Data Model IBAN Verification Response

204

205

Figure 6: Entity Life Cycle IBAN Verification

206 # 3 Business Choreography View

207 ## *3.1 Transaction sequence*
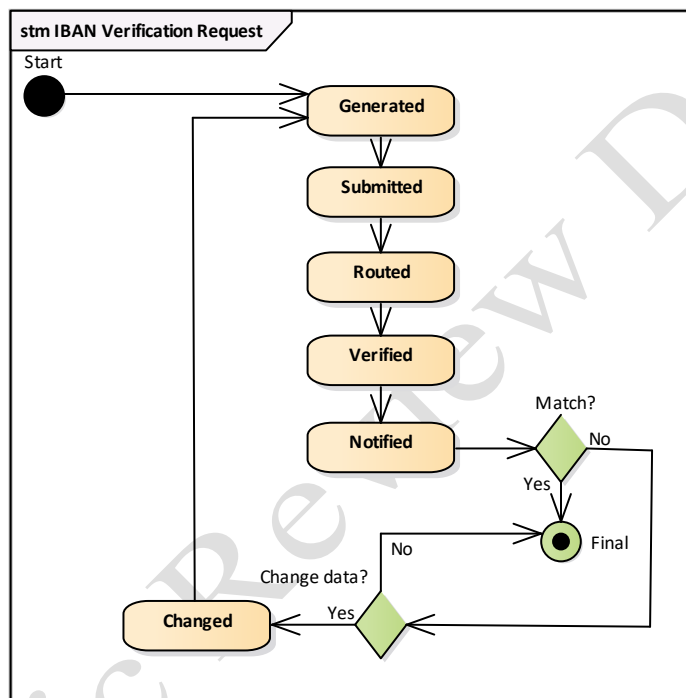
208 **Scenario 1:** Intermediary use of *Check IBAN Service*

209 The PSU provides the data for the IBAN verification request to an intermediary (e.g. PA,
210 Corporate). This includes the user's consent for accessing bank account data. The
211 intermediary uses a calling PSP to send the request, via a payment services gateway, to a
212 responding PSP. The gateway takes care of routing the request to the appropriate responding
213 PSP. The latter (the responding PSP) verifies whether the PSU's provided data matches the
214 user's Tax code or VAT number. The responding PSP sends the match result as a IBAN
215 verification response, via the gateway, back to calling PSP. The calling PSP sends the
216 response to the intermediary. The intermediary notifies the PSU about the match result, which
217 is mandatory which is mandatory in the event of either a negative or positive match result,
218 which is mandatory in the event of either a negative or positive match result.

219

220
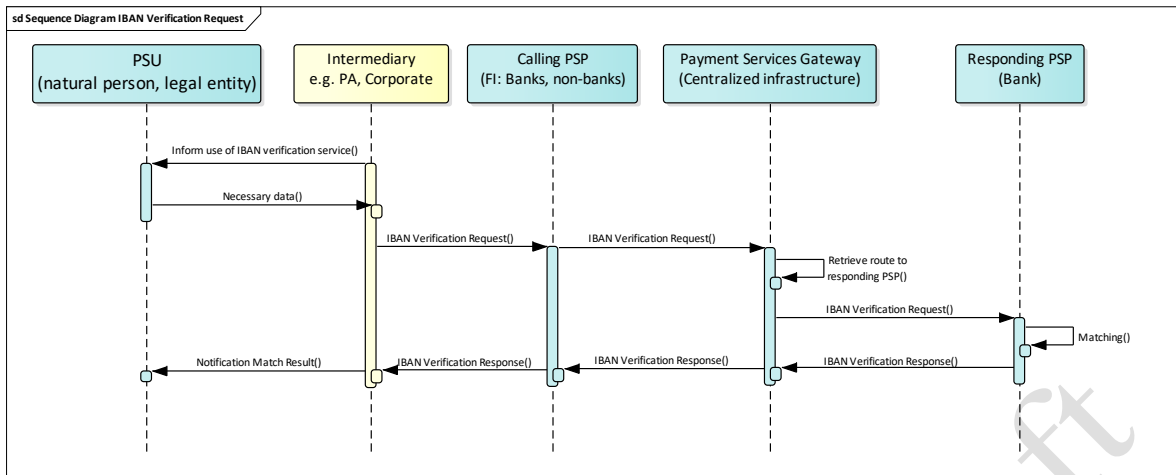
Figure 7: Scenario I: The Intermediary requests a *Check IBAN Service on behalf of its clients*

221

222 **Scenario 2:** Direct use of *Check IBAN Service*

223 In this scenario, a PSU uses directly the *Check IBAN Service* as a payment service customer.
224 The user creates the IBAN verification request, which includes another user's consent for
225 accessing bank account data. The calling PSP will send the request, via a payment services
226 gateway, to a responding PSP. The gateway takes care of routing the request to the appropriate
227 responding PSP. The latter (the responding PSP) verifies whether the provided bank data of
228 another use matches the actual bank account data (Tax code or VAT number). The responding
229 PSP sends the match result as a IBAN verification response, via the gateway, back to calling
230 PSP. The calling PSP sends the response to the user who will be informed about the match
231 result, either a negative or positive match result.

232
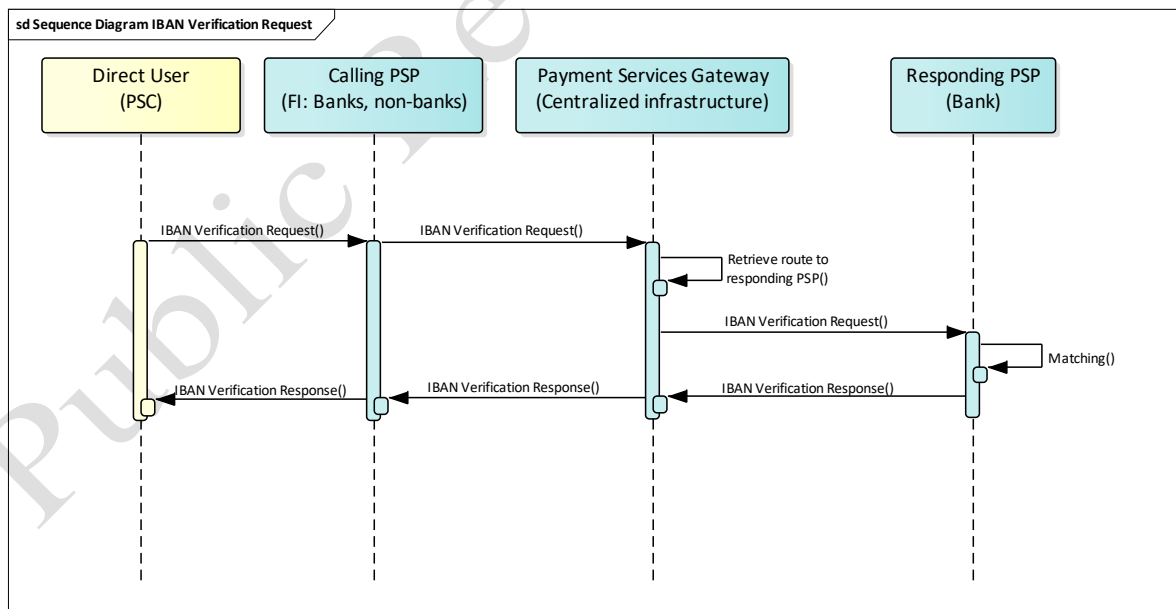
233

234 **Figure 8: Scenario II: Corporate (payment services customer) requests a *Check IBAN Service***

3.2 Business Collaboration

235

236

Check IBAN Use Case Intermediary Use of *Check IBAN Service*	
Scenario 1	Intermediary Use of *Check IBAN Service*.
Classified to Business Areas and Process Areas	Payment - Payment Services

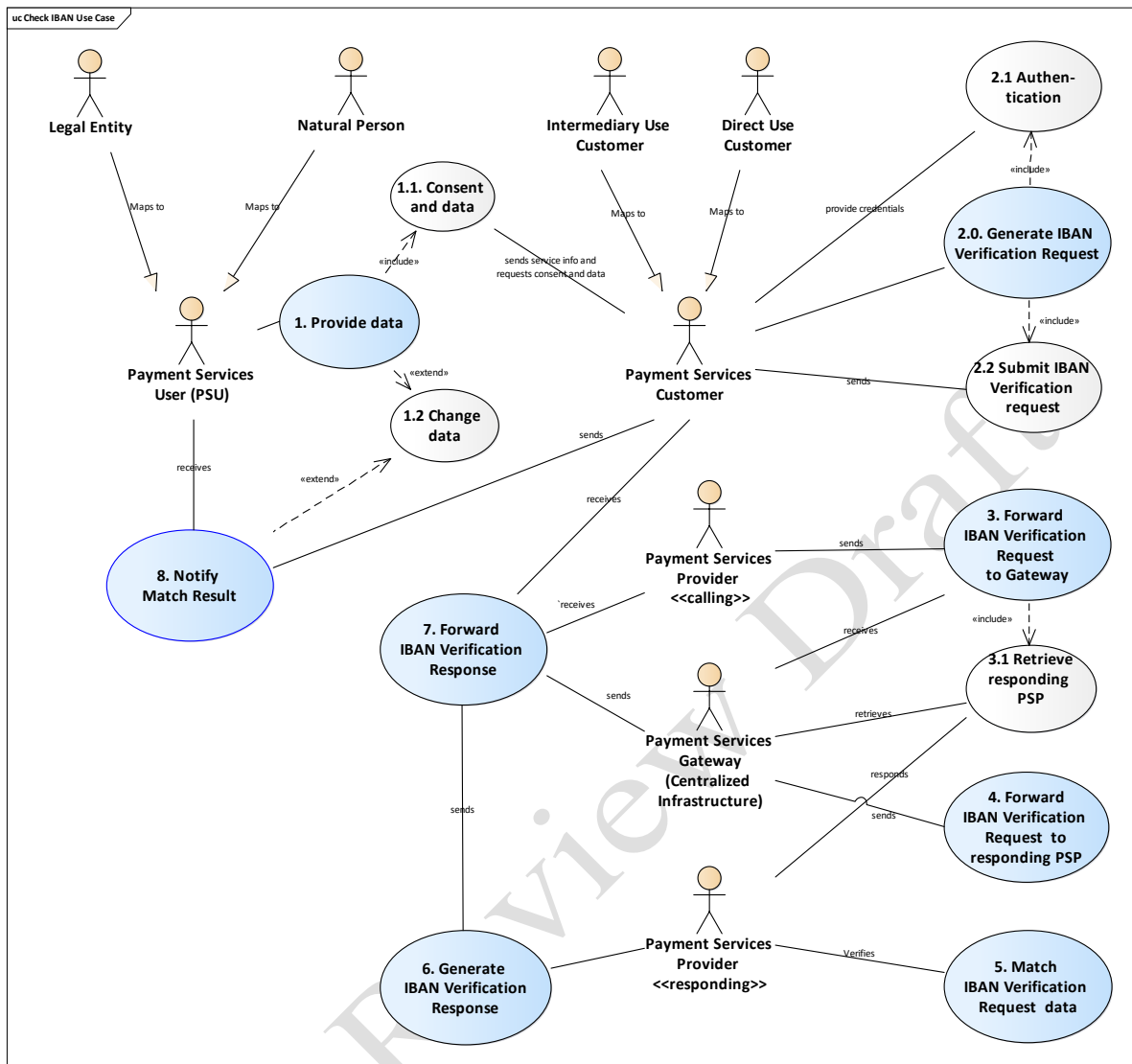| Check IBAN Use Case Intermediary Use of *Check IBAN Service*	
Business Process Name	*Check IBAN Service*
Identifier	IBANC
Actors	Payment Services User (PSU), Intermediary e.g. Public Administration (PA), Corporate Calling PSP - Financial Intermediary Institution (FI: banks, non-banks), Payment Services Gateway (Centralized Infrastructure), Responding PSP.
Description	The intermediary requests a *Check IBAN Service* to be executed and responded by the appropriated PSP.
Pre-condition	The PSU must provide the necessary data to execute the *Check IBAN Service* by the intermediary. This includes the consent to access bank account data.
Post-Condition	Success: The *Check IBAN Service* match result has been forwarded to the intermediary and the match result, either a negative or positive match result will be presented to the PSU.
Alternative workflow	The match result is negative. The PSU can decide to adjust the necessary data and restart the process.

237 **Table 5: *Check IBAN Service* open finance use case description**

238

Check IBAN Use Case: Direct Use of *Check IBAN Service*	
Scenario 1I	Direct Use of *Check IBAN Service*.
Classified to Business Areas and Process Areas	Payment - Payment Services
Business Process Name	*Check IBAN Service*
Identifier	IBANC
Actors	Payment Services User (PSU) - direct user, Calling PSP - Financial Intermediary Institution (FI: banks, non-banks), Payment Services Gateway (Centralized Infrastructure), Responding PSP.
Description Scenario II Direct Use	The direct user ('private customer') requests a *Check IBAN Service* to be executed and responded by the appropriated PSP.
Pre-condition Scenario II Direct Use	The direct user enters the necessary data to execute the *Check IBAN Service*. The direct user has the consent to access the other user's bank account data.
Post-Condition Scenario II Direct Use	Success: The *Check IBAN Service* match result has been forwarded to the direct user and will be informed about the match result, either a negative or positive match result.
Alternative workflow Scenario II Direct Use	The match result is negative. The direct user can decide to adjust the necessary data and restart the process.

239 *3.3 Business Process Use Case*

240 The various processes that are included within the *Check IBAN Service* are shown together
241 with the Business Partner Types participating in them (Figure 9: Check IBAN Service use
242 case covering intermediary and direct use scenarios). A Business Process Activity Diagram
243 models the dynamics of each business process, to depict a collaborative process involving
244 two or more Business Partners and to denote important states of business entities (Figure 11:
245 *Check IBAN Service* use case activity diagram) that are manipulated during the execution of
246 a business process.

247

248
249 **Figure 9: Check IBAN Service use case covering intermediary and direct use scenarios**

3.4 List of processes

#	Process name	Description
1	Provide data	The PSU provides the necessary data, IBAN/BBAN + Tax code or VAT number, including the consent. Depending on the match result the previously provided data could have been changed.
1.1	Consent and data	The PSU generates the needed data, including the consent, for the check IBAN service needed for the public administrator or corporate (payment services customer).
1.2	Change data	In case of a negative match result, the PSU may change the IBAN/BBAN related data (Tax code or VAT number).
2	Generate IBAN Verification Request	The payment services customer starts with the authentication process (see 2.1), uses the provided data to generate an IBAN verification request, followed by submitting the request (see 2.2)
2.1	Authentication	The payment services customer provides their credentials to verify their identity in order to access the application. This ensures that only authorized users are allowed to interact with the PSP's application and access its resources.

| #	Process name	Description
2.2	Submit IBAN Verification Request	The IBAN verification request will be submitted by the payment services customer and processed by the calling PSP.
3	Forward IBAN Verification Request to a Payment Services Gateway.	The calling PSP will forward the IBAN verification request to a payment services gateway (a centralized infrastructure) in order to retrieve the responding PSP.
3.1	Retrieve responding PSP	The payment services gateway searches the route to the appropriate responding PSP. The gateway will provide the responding PSP's URL or URI where the response can be obtained.
4	Forward IBAN Verification Request to responding PSP	The calling PSP forwards the IBAN verification request to the PSP from which a response can be obtained.
5	Match IBAN Verification Request data	The responding PSP will verify the relevant data in the IBAN verification request against the user's actual bank account data.
6	Generate IBAN Verification Response	The responding PSP will generate a IBAN verification response containing the match result. The match result can be a positive match (Yes) or negative match (No).
7	Forward IBAN Verification Response	The responding PSP will forward the response via a payment services gateway.
8	Notify Match Result	The payment services customer must notify the PSU in case of any detected discrepancy (a negative match result).

251

Figure 10: List of processes and definitions

3.5 Business Process Use Case Activity diagram

253
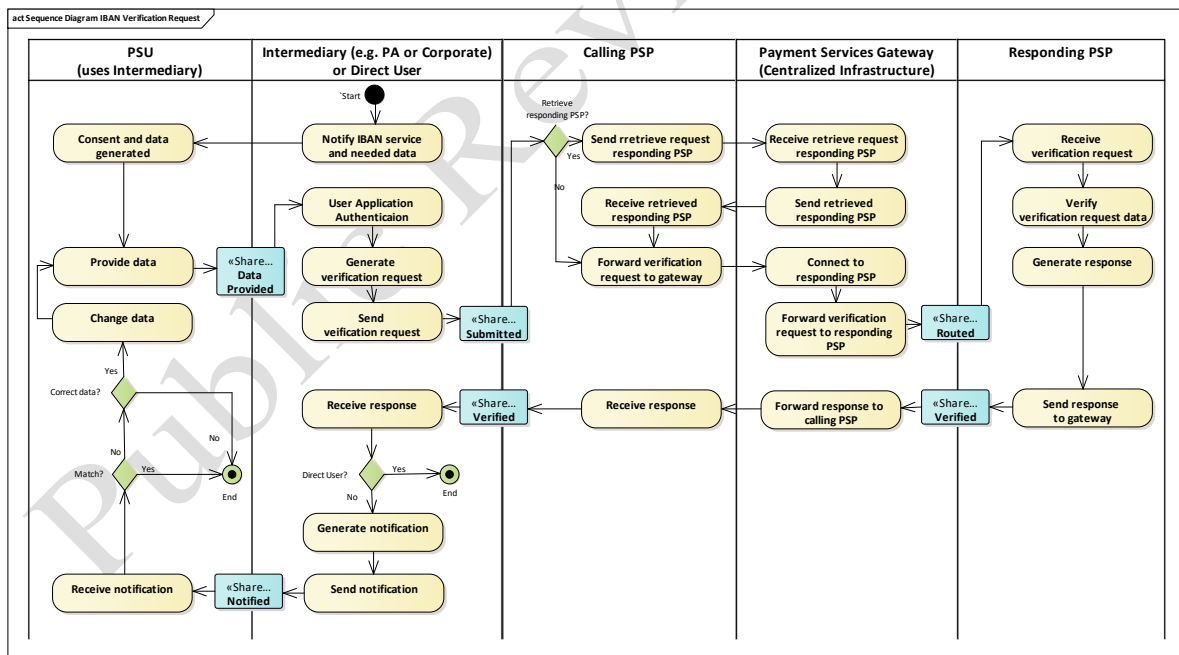
254

255

Figure 11: *Check IBAN Service* use case activity diagram

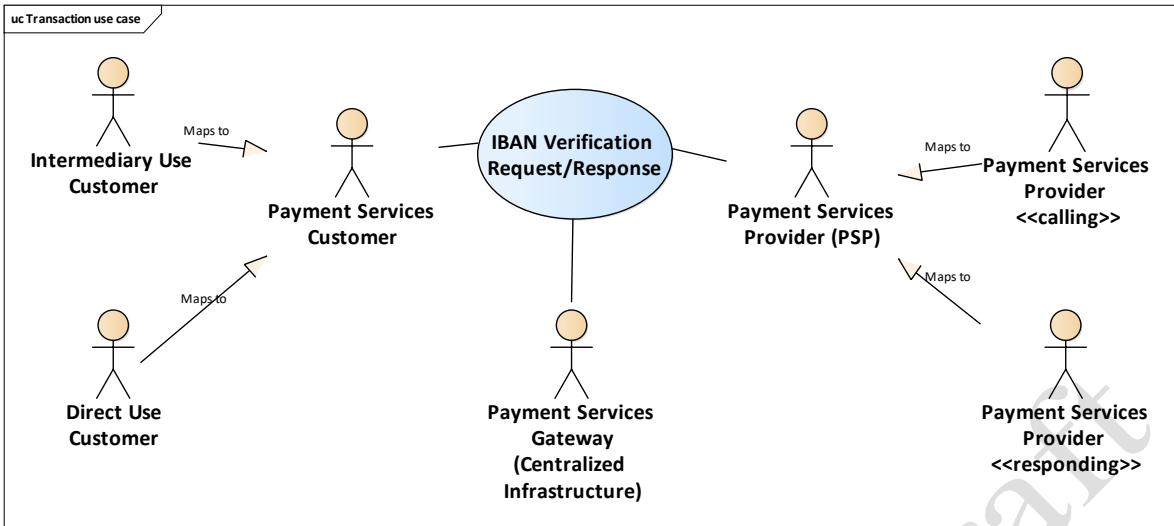## 3.6 Business Transaction: IBAN Verification Request/Response

257 In the IBAN Verification Request and Response transaction use case the Payment Services
258 Customer is using a calling PSP to forward the IBAN verification request, through a Payment
259 Services Gateway, to the responding PSP.

260

261

262

Figure 12: IBAN Verification Request and Response transaction use case

IBAN Verification Request and Response transaction use case description	
Identifier	IBANVQ/IBANVR
Business Message Type	IBAN Verification Request/Response
Description IBANVQ	A message containing one or more IBAN/BBANs and associated data to be verified by a payment services provider. The request is then sent to a calling payment services provider, which utilizes a payment services gateway to connect with the responding payment services provider.
Description IBANVR	A message containing the match result(s) for the associated data within the IBAN verification request. The IBAN/BBAN-associated data has been verified against the actual bank account data of the financial account holder. This message will be sent back to the payment services customer that made the request.
Partner Types	Requestor, Responder
Requesting Role	Payment Services Customer (Intermediary or Direct User)
Responding Role	Payment Services Provider (Bank)
Legal Implications	None
Participating Actor	Payment Services Gateway (e.g. Centralized API Gateway).
Initial Events	The requestor sends the IBAN verification request.
Terminal Events	The responder sends the IBAN verification response.

263

Table 6: IBAN Verification Request and Response transaction use case
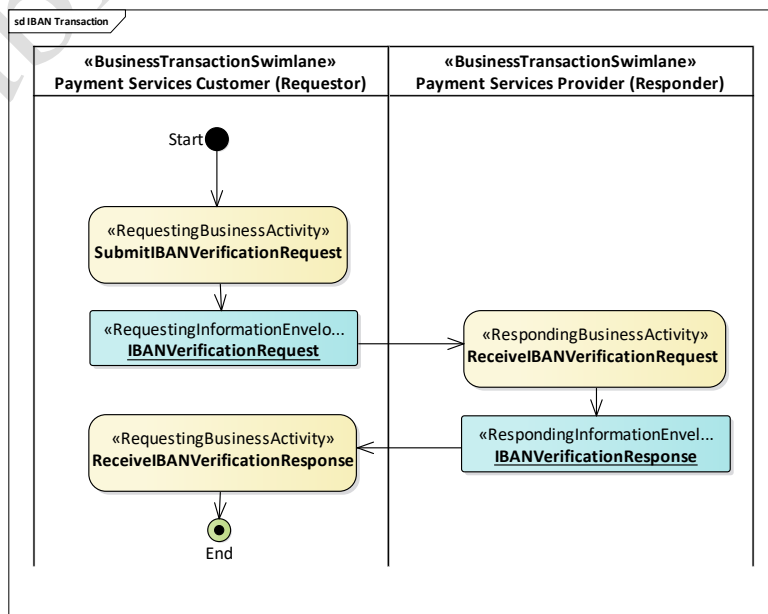
264

265 **Figure 13: IBAN Verification Request/Response transaction use case activity diagram**

3.7 List of Business Documents

266

| #	Business Documents	Description
I	IBAN Verification Request	A message containing one or more IBAN/BBANs and associated data to be verified by a payment services provider.
2	IBAN Verification Response	A message containing the match result(s) for the associated data within the IBAN verification request.

267 **Table 7: List of Business Documents**

4 Business Information View

268

269 The Business Information View identifies the content of the information envelopes based on
270 the data requirements. This view does not directly reflect the mapping of those requirements
271 to specific business information entities in the UNCCL. This Business Information View
272 serves as the foundation for creating these entities to be included in the UNCCL and utilized
273 within data exchange structures. The IBAN verification request contains the financial account
274 data provided by the PSU to the payment services customer, while the response contains the
275 actual financial account data held by the payment services provider.

276
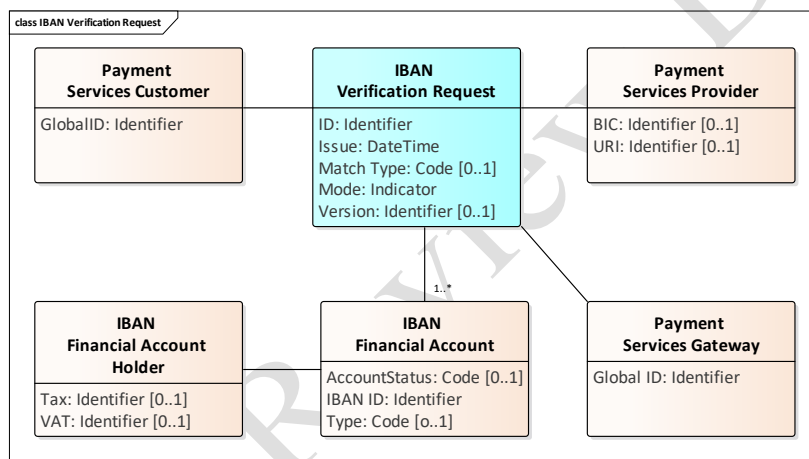
277 **Figure 14: Class diagram IBAN Verification Request**

278
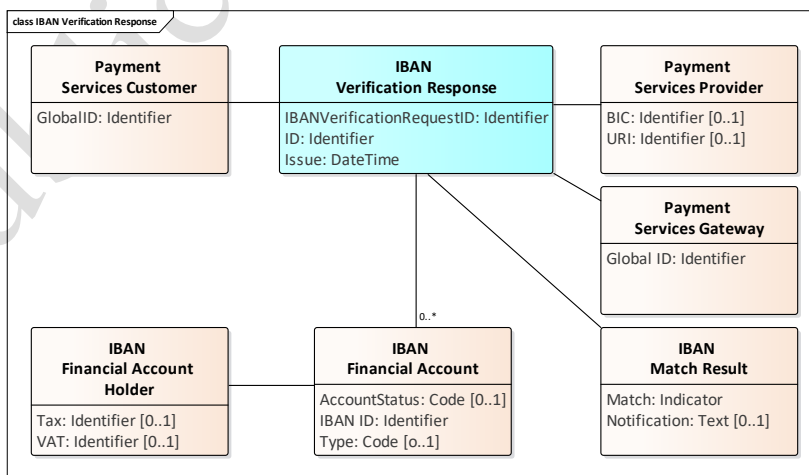
279 **Figure 15: Class diagram IBAN Verification Response**

280 ## *4.1 List of Business Information Entities*

Type	Name	Definition	Card.
Entity	IBAN Financial Account	A specific business arrangement whereby debits and/or credits arising from transactions are recorded by a financial account with a bank.	
Attrib.	IBAN ID	The unique International Bank Account Number (IBAN) identifier for this IBAN financial account.	1..1
Attrib.	Type Code	The code specifying the type of IBAN financial account, such as natural person, organization.	0..1
Attrib.	Account Status Code	The code specifying the status of this IBAN financial account, such as active, inactive.	0..1
Assoc.	IBAN Financial Account Holder	The IBAN Financial Account Holder specified for this IBAN Financial Account.	1..1
Entity	IBAN Financial Account Holder	An individual or entity that holds an account with a financial institution.	
Attrib.	Tax Identifier	A unique identifier assigned to individuals and entities by tax authorities for the purpose of tracking and managing tax-related activities.	0..1
Attrib.	VAT Identifier	A unique identification number assigned to businesses or individuals by tax authorities in countries that impose a value-added tax.	0..1
Entity	IBAN Match Result	The outcome of a verification performed on an International Bank Account Number (IBAN).	
Attrib.	Match Indicator	The indication whether or not a match applies for this IBAN check result.	1..1
Attrib.	Notification Text	The textual description of the notification for this IBAN check result.	0..1
Entity	IBAN Verification Request	A formal inquiry made to validate the accuracy and legitimacy of an IBAN provided by an individual or entity.	
Attrib.	Match Type Code	The code specifying the type of match, such as "IBAN+ Tax/VAT ID", for this IBAN verification request.	0..1
Attrib.	Mode Code	The indication of whether or not this IBAN verification request is part of a single processing job or a batch processing job.	1..1
Attrib.	ID Identifier	The unique identifier of this IBAN verification request.	1..1
Attrib.	Issue Date Time	The date time value for the issuance of this IBAN verification request.	1..1
Attrib.	Version Identifier	The unique identifier for the version of this IBAN verification request.	0..1
Assoc.	IBAN Financial Account	The IBAN financial account specified by this IBAN verification request.	1..*
Assoc.	Payment Services Customer	The payment services customer related to this IBAN verification request.	1..1
Assoc.	Payment Services Provider	The payment services provider related to this IBAN verification request.	1..1
Assoc.	Payment Services Gateway	The payment services gateway used for this IBAN verification request.	1..1
Entity	IBAN Verification Response	A message that contains the outcome or result provided by a payment services provider in response to an IBAN verification request.	
Attrib.	ID Identifier	The unique identifier of this IBAN verification response.	1..1
Attrib.	Issue Date Time	The date time value for the issuance of this IBAN verification response.	1..1
Attrib.	IBAN Verification Request ID	The unique identifier of the IBAN verification request related to this IBAN verification response.	1..1

Type	Name	Definition	Card.
Assoc.	IBAN Financial Account	The IBAN financial account specified by this IBAN verification response.	1..*
Assoc.	Payment Services Customer	The payment services customer related to this IBAN verification response.	1..1
Assoc.	Payment Services Provider	The payment services provider related to this IBAN verification response.	1..1
Assoc.	Payment Services Gateway	The payment services gateway used for this IBAN verification response.	1..1
Assoc.	Match Result	The match result specified by this IBAN verification response.	1..1
Entity	Payment Services Customer	An individual or entity that utilizes the services of a payment services provider to send, receive, or manage financial transactions electronically.	
Attrib.	Global ID	The global identifier of this payment services customer.	1..1
Entity	Payment Services Gateway	A financial technology company or service provider that facilitates payments by acting as an intermediary between payment services customers and payment processors or banks.	
Attrib.	Global ID	The global identifier of this payment services gateway.	1..1
Entity	Payment Services Provider	An entity which carries out regulated payment services.	
Attrib.	BIC Code	The unique Bank Identification Code (BIC) as defined in ISO 9362 of this responding payment services provider.	0..1
Attrib.	URI ID Identifier	The Uniform Resource Identifier for this payment services provider.	0..1

281

Table 8: List of Business Information Entities