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## Einleitung

Das Dokument ist gerichtet an das Management und IT-Fachexperten von IT-KMU. Das grundlegende Ausgangsszenario ist die Kooperation von mittelständischen IT-Unternehmen und deren Softwarelösungen auf Basis von offenen, technischen Standards. Bei der Zusammenführung von Systemen besteht häufig ein Konflikt zwischen proprietären Schnittstellenlösungen beteiligter Softwareunternehmen. Daher erfolgt die Vernetzung auf Grundlage offener, herstellerunabhängiger und lizenzkostenfreier Standards für KMUs der IT-Branche.

In diesem Dokument erfolgt die Definition eines Szenarios von den Systemen „ECM-System“ und „Arbeitszeiterfassungs-System“, sowie der Ableitung eines allgemein verwendbaren Referenzmodells für erforderliche Geschäftsabläufe und Datenstrukturen zum Szenario.

Diese dienen als Vorlage für die konkrete Systemvernetzung beteiligter Akteure in ähnlich gelagerten Geschäftsprozessen und Szenarien im Bereich „ECM-System“ und „Arbeitszeiterfassungs-System“. Auf der Grundlage offener Daten-Schnittstellen ist die entstehende Gesamtlösung offen für die Integration neuer und resistent gegen Ausfälle bestehender Partner. So können aus Einzellösungen stabile, systemisch vernetzte All-in-One-Lösungen wachsen.

## Aufbau des Dokuments

Das vorliegende Dokument ist in drei Kapitel aufgeteilt.

In Kapitel 1, Vorstellung der beteiligten Systeme, wird auf das Nutzenversprechen eingegangen und die einzelnen Systeme einzeln vorgestellt und deren Rolle im Gesamtsystem detailliert. Zum Schluss dieses Kapitels wird auf die Integrierte Systemarchitektur eingegangen.

In Kapitel 2, Szenario, wird ein zentraler Use-Case des Konsortiums detailliert und eine entsprechende Beschreibung des Szenarios sowie eine zugehörige Modellierung eines BPMN Diagramms dargestellt.

Im letzten Kapitel 3, Auszutauschende Objekte als KIW-Objekte, werden die zuvor im Prozess verwendeten Objekte definiert und beschrieben.

# 1 Vorstellung der beteiligten Systeme

## 1.1 Nutzenversprechen

Als Grundlage für die Entwicklung der Schnittstellen wird das Denken in Systemen vorausgesetzt. Im Zuge der Konsortienbildung entsteht ein Gesamtsystem, welches aus den entsprechenden Teilsystemen der beteiligten Konsortialmitglieder besteht. Jedes Teilsystem ist dabei fachlich unabhängig und kann aus weiteren zusammengesetzten Untersystemen bestehen. Ziel der Schnittstellenentwicklung ist es die Kommunikation zwischen allen beteiligten Teilsystemen zu ermöglichen und offen weitere Business Software Anbieter integrieren zu können. Daher erfolgt die Vernetzung auf der Grundlage offener, herstellerunabhängiger, lizenzkostenfreier Standards für KMUs der IT-Branche.

Der Mehrwert von offenen Schnittstellen liegt in der Zugänglichkeit der festgelegten Definition für alle Interessenten. Durch die vordefinierten Standards wird der Entwicklungsaufwand deutlich gesenkt. Zudem werden die Kosten und Aufwände für Entwicklung und Personal niedrig gehalten. Es wird ein Standard geschaffen, der zu einem eigenen Ökosystem führt. Durch die Vereinheitlichung ist ein Unternehmen in der Lage mit anderen Softwarelösungen zu kommunizieren, welches eine entsprechende Erleichterung in der Marktbearbeitung darstellt. Die Aufgabe dabei ist es, die bestehende Softwarelösungen der einzelnen Partner durch Schnittstellen zu öffnen, um gemeinsam einen größeren Funktionsumfang bieten zu können und so auch mit Angeboten größerer Softwareanbieter konkurrieren zu können und ggf. eine gemeinsam konkurrenzfähige All-In-One Lösungen anbieten zu können.

Exemplarisch wird im Folgenden eine entwickelte integrierte Software-Lösung, bestehend aus einem Zusammenschluss mittelständischer Unternehmen, die im Bereich von „ECM-Systemen“ und „Arbeitszeiterfassungssystemen“ eine flexible, preiswerte Alternative zu bestehenden Angeboten großer Softwareanbieter aus einer Hand liefern möchten, präsentiert (siehe Kapitel 2). Das Konsortium ist ein Verbund von zwei unabhängigen Software-Unternehmen, die sich auf technischer und unternehmerischer Ebene miteinander vernetzt haben.

Die zwei Einzellösungen und ihr Beitrag zu einer vernetzten Gesamtlösung:

### Personal-/Arbeitszeiterfassungssystem

Software/ Hardware-Terminals, Mobile Apps für:

- ▶ Personalzeiterfassung
- ▶ Digitale Personalakte
- ▶ Auftragszeiterfassung
- ▶ Personaleinsatzplanung

### Enterprise Content Management System

- ▶ Erfassung elektronischer Dokumente
- ▶ Verwaltung elektronischer Dokumente
- ▶ Archivierung elektronischer Dokumente

## 1.2 Personal-/Arbeitszeiterfassungssystem

Unter der Begrifflichkeit versteht man die Erfassung, Verwaltung und Auswertung von Arbeitszeitdaten der Mitarbeiter. Personal-/Arbeitszeiterfassungssysteme müssen in der Lage sein, alle tariflichen, gesetzlichen, betrieblichen oder einzelvertraglichen Anforderungen abzubilden.

Zu den grundlegenden Prozessen innerhalb des Personal-/Arbeitszeiterfassungssysteme zählen u.a.:

- ▶ Datenerfassung
- ▶ Genehmigung- und Mehrarbeitsprozesse
- ▶ Ablauf der Zeitauswertung
- ▶ Nacharbeiten und Korrekturen
- ▶ Reporting

Der Aufbau eines Personal-/Arbeitszeiterfassungssystem besteht in der Regel aus einem Buchungsterminal (zum Erfassen von Komm- und Gehmeldungen/Arbeitszeit). Weiterhin sind oftmals weitere Arten der An- bzw. Abwesenheitserfassung integriert (Dienstplanung, Abwesenheitsplanung/Antragswesen). Aufbauende Managementsysteme bedienen sich den erfassten Daten und werden für die Projektzeiterfassung oder Ergebnis-Leistung-Rechnung weiterverarbeitet. Weiterführende Systeme/Module lassen darüber hinaus auch eine Auftragszeiterfassung zu. Dabei werden über die An- und Abwesenheit hinaus auch Tätigkeiten für eine Produktivitätsanalysen erfasst. [3, S.144 ff.]

## 1.3 Enterprise-Content-Management-System

Enterprise Content Management Systeme (ECM-Systeme) bieten neben Dokumentenmanagement Systemen (DMS) die Möglichkeiten, enthaltenes Wissen aus Dokumenten, E-Mails oder Reports, durch Erfassung, Verwaltung, Bearbeitung und Verteilung zugänglich zu machen. [1, S.1]

Unter dem Begriff ECM werden Anwendungen verstanden, die den gesamten Life Cycle eines Dokumentes von der Erstellung, Publikation bis zur Ablage oder Vernichtung unterstützen. [2, S.69]

ECM besteht aus Werkzeugen, Technologien und Methoden, um Inhalte unternehmensweit zu erfassen, zu verwalten, zu speichern, zu schützen und zu verteilen. [1, S.3]

ECM Lösung bestehend aus folgenden Komponenten: [2, S.27]

- ▶ Elektronischer Archivierung bzw. Recordsmanagement
  - revisionssichere Ablage bzw. Archivierung von ausgewählten Inhalten mit Langzeitspeichermedien
- ▶ Workflow Management Systeme (WfMs)
  - Unterstützen die Automation von Geschäftsprozessen, in denen Dokumente, Informationen oder Aufgaben zwischen Personen ausgetauscht werden
- ▶ Content Management Systeme (CMS)
  - Erstellung und Verwaltung der Inhalte von Websites
- ▶ Dokumentenmanagement Systeme (DMS)
  - Dokumentenerstellung und –verwaltung
  - Verwaltungskontrolle,
  - Review- und Release-Funktion
  - Check-in / Check-out
- ▶ Imaging & Scanning-Systeme (KMS)
  - Papierdokumente durch Einscannen in ein elektronisches Format zu bringen

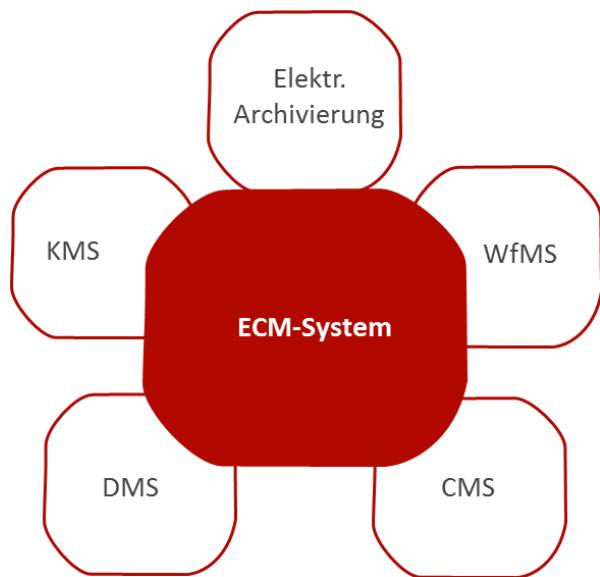


Abbildung 1: Komponenten eines ECM-Systems [2, S.31]:

Laut Association for Information and Image Management (AIIM) lassen sich diese Komponenten in fünf Kategorien einordnen:

- ▶ Erfassung (Capture)
- ▶ Verwaltung (Manage), (DMS)
- ▶ Speicherung (Store)
- ▶ Ausgabe (Deliver)
- ▶ Archivierung (Preserve)



Abbildung 2: Kategorien des Enterprise Content Management [1, S.4]

Die aufgeführten Kategorien beinhalten folgende Funktionalitäten [2, S.28-29]:

### **Erfassung**

Beinhaltet die Funktionalität und Komponenten zur Erstellung, Erfassung, Aufbereitung und Verarbeitung von analogen und elektronischen Informationen.

### **Verwaltung**

Umfasst die Verwaltung, Bearbeitung und Nutzung der erfassten Informationen. Für die Verwaltung und das Wiederauffinden von Informationen werden Datenbanken genutzt. Entsprechende Berechtigungssysteme dienen in diesem Zusammenhang zur Zugriffsabsicherung und zum Schutz.

### **Speicherung**

Dient der temporären Speicherung von Informationen, die nicht archivierungswürdig oder -pflichtig sind (Ablage).

### Ausgabe

Dient der Bereitstellung der Informationen aus den Kategorien: Verwaltung, Speicherung und Archivierung. Weiterhin beinhaltet diese Kategorie Funktionen zur Eingabe von Informationen in Systeme (bspw.: Erzeugung formatierter Ausgabedateien) oder die Aufbereitung von Informationen (Konvertieren) für die Komponenten: Speichern und Archivieren.

### Archivierung

Dient langfristig der stabilen, statischen und unveränderbaren Aufbewahrung und Sicherung von Informationen.

## 1.4 Integrierte Systemarchitektur

Um bestimmte Funktionen der IT-Umgebung zu nutzen, müssen Datenschnittstellen zwischen den beteiligten Systemen, „ECM-Systemen“ und „Arbeitszeiterfassungssystemen“ geschaffen werden, um so eine einheitliche Datenbasis gemeinsam und redundanzfrei nutzen zu können. Für den Austausch von Daten zwischen den beteiligten Anwendungssystemen werden Schnittstellen benötigt. Auf die generelle Definition von Schnittstellen wird an dieser Stelle nicht eingegangen, sondern es wird auf die DIN 44300 verwiesen, die Schnittstellen als den Übergang an der Grenze von zwei gleichartigen Einheiten mit vereinbarten Regeln für die Übergabe von Daten versteht.

In folgender Abbildung 3 sind die zuvor beschriebenen Einzelsysteme abgebildet sowie das in Kapitel 2. antizipierte Szenario.

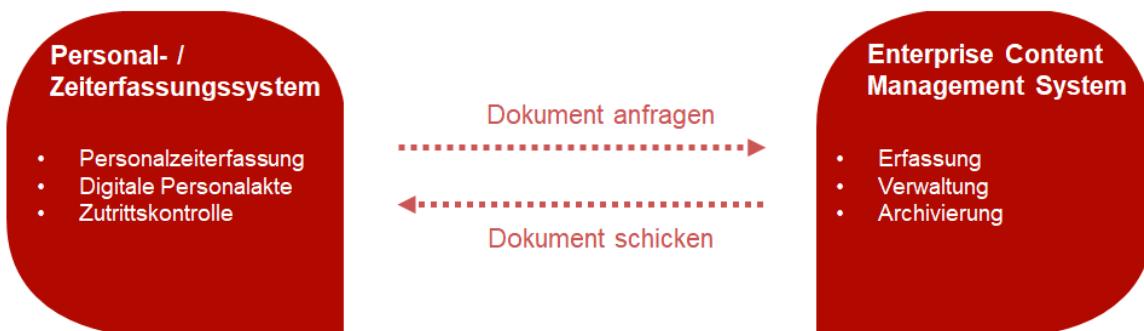


Abbildung 3: Übersicht Gesamtsystem

## 2 Szenario

Abfrage der Personalakte durch einen Mitarbeiter.

### 2.1 Beschreibung des Szenarios

Zunächst bedarf es der Authentifizierung des Mitarbeiters durch Login innerhalb des Personal-/Arbeitszeiterfassungssystems. Dies kann in unterschiedlicher Form, bspw. durch Fingerabdruck, PIN-Eingabe oder einer ID-Card, erfolgen.

Nach erfolgreichem Login stehen dem Mitarbeiter auf einem Dashboard die anzufragenden Dokumente der Personalakte zur Verfügung (bspw. personalbezogene Unterlagen oder Sozialversicherungs- und Steuerunterlagen).

Nach Auswahl eines Dokuments durch den Mitarbeiter, sendet das Personal-/Arbeitszeiterfassungssystem eine Dokumentenanfrage an das Enterprise Content Management System (ECM-System). Im ECM-System sind alle zugehörigen Dokumente der Personalakte in einer Datenbank archiviert (stationär oder in der Cloud).

Das ECM-System liefert das angefragte Dokument an das Personal-/Arbeitszeiterfassungssystem aus = Intersystemkommunikation.

Für den Mitarbeiter steht nun das anzuzeigende Dokument zur Verfügung.

## 2.2 Use-Case-Diagramme

Die folgenden Use-Case-Diagramme stellen die Beziehungen zwischen den Benutzer und Systemen aus Sicht der Benutzer dar.

### 2.2.1 Use-Case-Diagramme - Personal- / Zeiterfassungssystem – Enterprise Content Management System

Software Personal-/Zeiterfassungssystem: Für dieses System existiert die Benutzerrolle „Mitarbeiter“. Der Mitarbeiter kann sich am System Authentifizieren und verschiedene digitale „Dokumente anfragen“.

Software Enterprise Content Management System: Das ECM System besitzt keine Benutzerrollen. Alle Aktivitäten („Dokument schicken“) werden bei diesem System automatisch durchgeführt

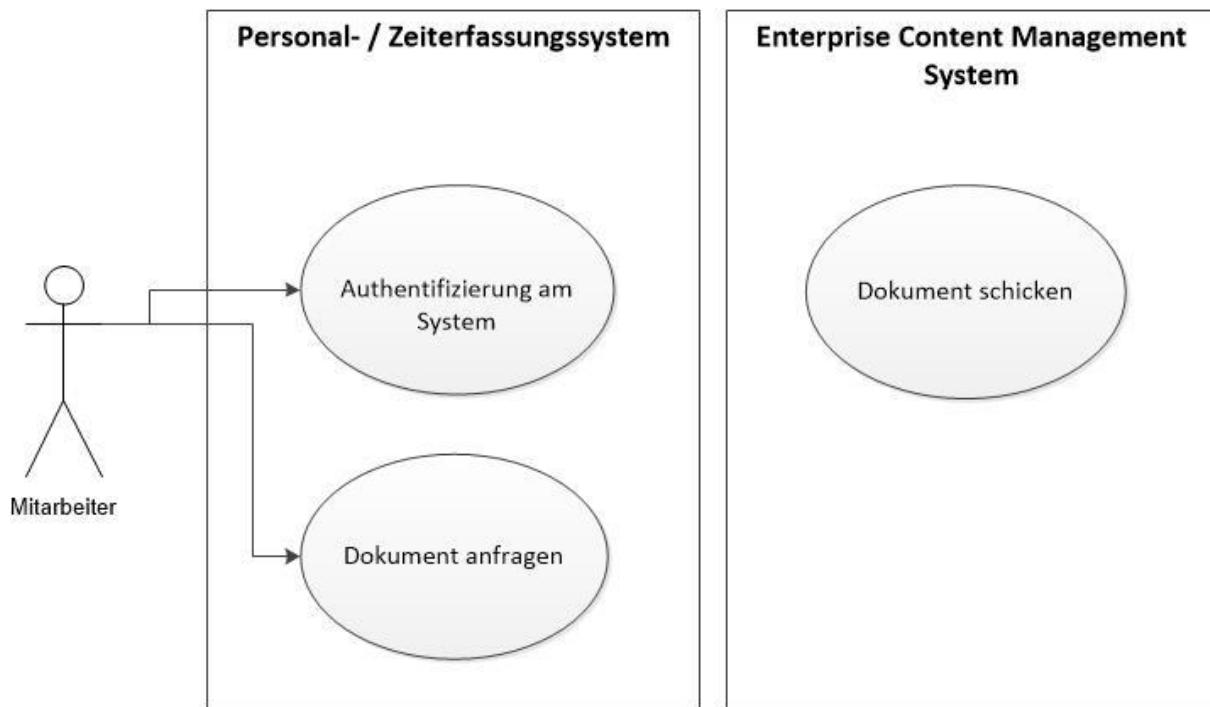


Abbildung 4: Personal- / Zeiterfassungssystem – Enterprise Content Management System

## 2.3 BPMN

Das Diagramm zeigt einen beispielhaft bearbeiteten Prozess einer Dokumentenabfrage/-ablage. Er erstreckt sich von der Authentifizierung des Mitarbeiters, bis zur Anzeige aller benötigten Dokumente.

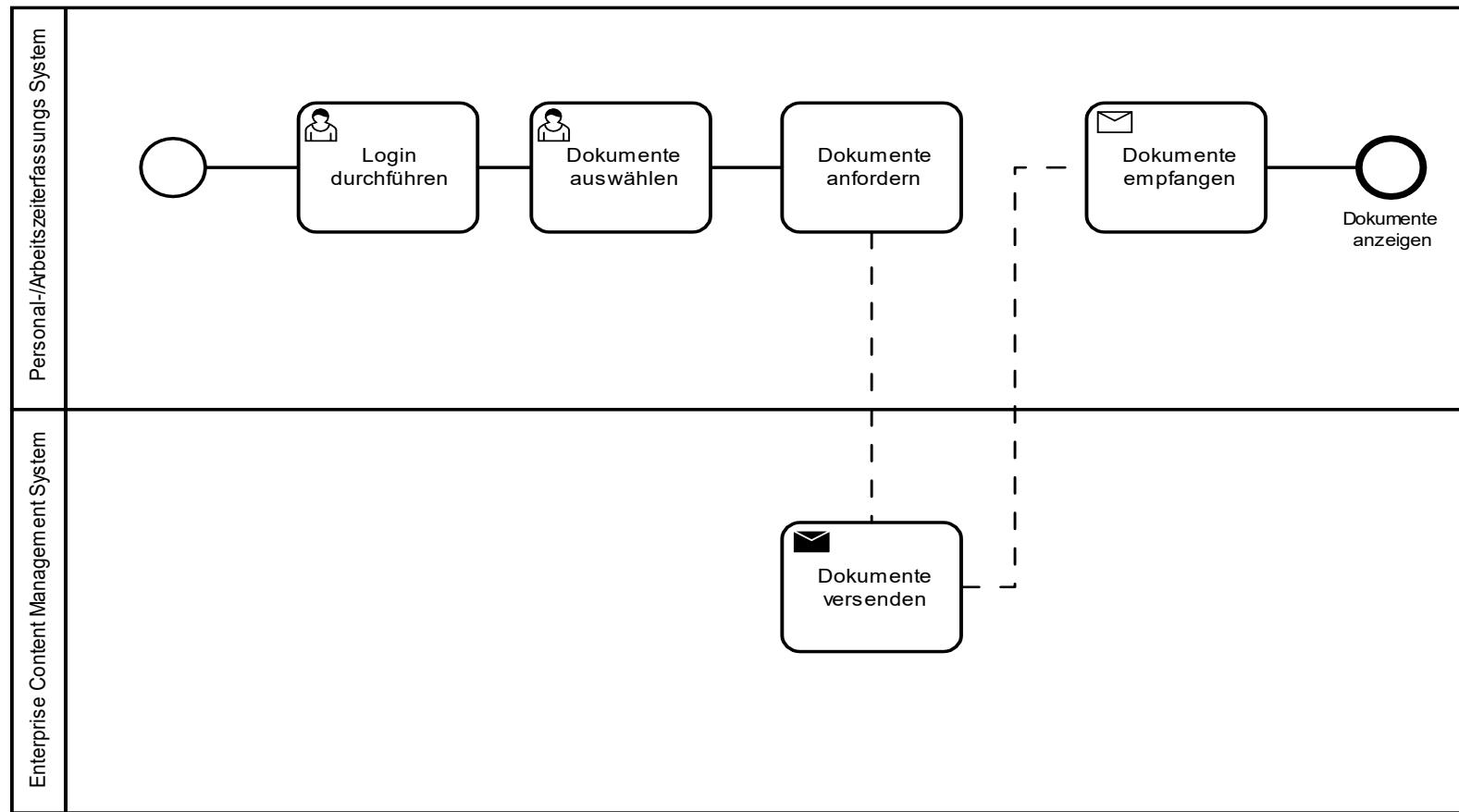


Abbildung 5: BPMN Kollaborationsdiagramm

### 3 Auszutauschende Objekte als KIW-Objekte

Die Definition von Datensätzen anhand bestimmter Szenarien ist ein hoch komplizierter und zeitintensiver Prozess für Firmen. Um diesen Prozess zu vereinfachen, werden in diesem Dokument sogenannte „KIW-Objekte“ erstellt. Hierbei handelt es sich um zusammengestellte Datensätze, welche in den verschiedenen Szenarien immer wieder zum Einsatz kommen. Die Datensätze sind wie eine Art Bausteinsystem aufgebaut und können unter Beachtung der Pflichtfelder variabel zusammengesetzt werden.

Die „KIW-Objekte“ werden als agil betrachtet. Das heißt, bei allen neu hinzukommenden Szenarien in diesem Dokument werden die bereits existierenden Objekte auf ihre Erweiterung hin geprüft und bei Bedarf erweitert. Die folgenden Objekte sind ein für ECM-Systeme & Personal-/Arbeitszeiterfassungssysteme relevanter Auszug aus dem momentanen Stand des KIW-Schnittstellenkatalog. Die stets aktuelle Version des gesamten Schnittstellenkatalogs kann auf der Webseite <sup>1</sup> des Kompetenzzentrums IT-Wirtschaft gefunden werden.

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<sup>1</sup> <https://itwirtschaft.de/angebote/schnittstellen/schnittstellenkatalog/>

## 3.1 Relevanter Auszug KIW-Objekte

### 3.1.1 Address

Name	Type	Description
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier for this address.
<b>FormatCode</b>	<b>String</b>	The code specifying the format of this address.
<b>PostcodeCode</b>	<b>String</b>	A code specifying the postcode of the address.
<b>PostOfficeBoxText</b>	<b>String</b>	The unique identifier, expressed as text, of a container commonly referred to as a box, in a post office or other postal service location, assigned to a person or organization, where postal items may be kept for this address.
<b>BuildingNumberText</b>	<b>String</b>	The number or alphanumeric designation, expressed as text, of a building or house at this address.
<b>BuildingNameText</b>	<b>String</b>	The name, expressed as text, of a building, a house or other structure on a street at this address.
<b>RoomIdentificationText</b>	<b>String</b>	The identification, expressed as text, of a room, suite, office or apartment as part of an address.
<b>FloorIdentificationText</b>	<b>String</b>	The identification by name or number, expressed as text, of the floor in a building as part of an address.
<b>StreetNameText</b>	<b>String</b>	A name, expressed as text, of a street or thoroughfare.
<b>CityNameText</b>	<b>String</b>	The name, expressed as text, of the city, town or village of this address.

Name	Type	Description
<b>AttentionOfText</b>	<b>String</b>	The name, expressed as text, of a person or department in the organization to whom incoming mail is marked with words such as 'for the attention of' or 'FAO' or 'ATTN' for this address.
<b>CareOfText</b>	<b>String</b>	The name, expressed as text, of a person or organization at this address to whom incoming mail is marked with words such as 'care of' or 'C/O'.
<b>CountryIdentifier</b>	<b>String</b>	The unique identifier of a country for this address (Reference ISO 3166 and UN/ECE Rec 3).
<b>TypeCode</b>	<b>String</b>	A code specifying the type of this address such as business address or home address.
<b>CitySubMinusDivisionNameText</b>	<b>String</b>	A name, expressed as text, of a sub-division of a city for this address, for example a district or borough.
<b>CountryNameText</b>	<b>String</b>	A name, expressed as text, of the country for this address.
<b>CountrySubDivisionIdentifier</b>	<b>String</b>	A unique identifier of the country sub-division for this address.
<b>CountrySubDivisionNameText</b>	<b>String</b>	A name, expressed as text, of the sub-division of a country for this address.
<b>DescriptionText</b>	<b>String</b>	A textual description of this address.
<b>CityIdentifier</b>	<b>String</b>	The unique identifier of the city for this address, such as United Nations Location Code (UNLOCODE).

Name	Type	Description
<b>TownshipNameText</b>	<b>String</b>	A name, expressed as text, of a township within which this address falls. A township is a geographic area that contains one or more cities, towns and villages.
<b>ReturnedMailIndicator</b>	<b>Boolean</b>	An indication of whether or not mail has been returned from this address.
<b>LegalAddressIndicator</b>	<b>Boolean</b>	The indication of whether or not this address is a legal address.
<b>PreventOverrideIndicator</b>	<b>Boolean</b>	The indication of whether or not automatic override should be prevented for this address. For example some systems based on post office addresses will override local names with official names.
<b>StaircaseNumberText</b>	<b>String</b>	The number, expressed as text, of a staircase for this address.
<b>StreetPrefixCode</b>	<b>String</b>	The code specifying the street prefix of this address.
<b>StreetSuffixCode</b>	<b>String</b>	The code specifying the street suffix of this address.
<b>PostalAreaText</b>	<b>String</b>	A postal area, expressed as text, for this address.
<b>CountryIdentificationCountry</b>	<b>Country</b>	The unique identifier of the country for this address.
<b>CountryIdentificationCountrySubDivision</b>	<b>CountrySubDivision</b>	An identification of a country sub-division of this address such as a state or county in the US or county in the UK or a department in France.

Name	Type	Description
<b>GeoCoordinateIdentificationGeographicalCoordinate</b>	<b>GeographicCoordinate</b>	An identification of a set of geographical coordinates for this address.
<b>UsagePreference</b>	<b>Preference</b>	The preference for the usage of this address.
<b>SpecifiedTimeStatus</b>	<b>TimeStatus</b>	The time status for this address, such as current, previous, future, specified for this address.
<b>ApplicablePeriod</b>	<b>Period</b>	A period applicable for this address.
<b>SpecifiedLocation</b>	<b>Location</b>	The location specified for this address.

### 3.1.2 Certificate

Name	Type	Description
<b>IdentificationIdentifier</b>	<b>String</b>	The unique identifier for a certificate.
<b>IssueDateTime</b>	<b>Date</b>	The date, time, date time, or other date time value when this certificate was issued.
<b>ExpiryDateTime</b>	<b>Date</b>	The date, time, date time, or other date time value when this certificate expires.
<b>IssueReasonCode</b>	<b>String</b>	The code specifying the reason why the certificate was issued.
<b>TypeCode</b>	<b>String</b>	The code specifying the type of certificate.

Name	Type	Description
<b>RequestedEffectiveDateTime</b>	<b>Date</b>	The requested effective date, time, date time or other date time value for this certificate.
<b>ActualEffectiveDateTime</b>	<b>Date</b>	The actual effective date, time, date time or other date time value for this certificate.
<b>DescriptionText</b>	<b>String</b>	A textual description of this certificate.
<b>PartyIdentifier</b>	<b>String</b>	An identifier for this certificate party.
<b>ApplicableDocument</b>	<b>Document</b>	The document applicable to this certificate.

### 3.1.3 Communication

Name	Type	Description
<b>URIIdentifier</b>	<b>String</b>	The unique identifier of the Uniform Resource Identifier (URI) for this communication, such as a web or an email address.
<b>ChannelCode</b>	<b>String</b>	The code specifying the channel or manner in which a communication can be made, such as telephone or email.
<b>LocalNumberText</b>	<b>String</b>	The communication number, expressed as text and not including country access code or the area number code, for this communication.
<b>CompleteNumberText</b>	<b>String</b>	A text string of characters that make up the complete number for this communication.
<b>CountryNumberCode</b>	<b>String</b>	The country access code for this communication number such as 44, 1, 353 etc.

Name	Type	Description
ExtensionNumberText	String	The extension number, expressed as text, assigned to this communication number to enable a caller to reach a specific party.
AreaNumberCode	String	The code specifying the area number for this communication.
AccessText	String	Access information, expressed as text, for the mode of communication such as 9 or *70 for a telephone network.
UseCode	String	A code specifying the use of this communication, such as for business purposes or private.
InvalidIndicator	Boolean	The indication of whether or not the address or number for this communication is invalid, such as a phone number has been disconnected or an email address is an undeliverable address.
IdentificationIdentifier	String	An identifier for this communication.
VersionIdentifier	String	An identifier of a version of this communication.
ContactAddress	Address	Contact address information for this communication.
UsagePreference	Preference	A preference for the usage of this communication method.

### 3.1.4 Contact

Name	Type	Description
IdentificationIdentifier	String	A unique identifier for this contact.

Name	Type	Description
<b>JobTitleText</b>	<b>String</b>	The job title, position or designation, expressed as text, of this contact person within an organization such as Director, Software Engineer, Purchasing Manager.
<b>ResponsibilityText</b>	<b>String</b>	A responsibility, expressed as text, of this contact.
<b>DepartmentNameText</b>	<b>String</b>	A name, expressed as text, of the department to which this contact belongs within an organization, such as a support department.
<b>TypeCode</b>	<b>String</b>	A code specifying a type of contact.
<b>PersonNameText</b>	<b>String</b>	The name, expressed as text, of this contact person.
<b>DescriptionText</b>	<b>String</b>	A textual description of this contact.
<b>PrimaryIndicator</b>	<b>Boolean</b>	The indication of whether or not this is a primary contact.
<b>AccessibilityCode</b>	<b>String</b>	The code specifying the type of accessibility for this contact.
<b>VersionIdentifier</b>	<b>String</b>	An identifier of a version of this contact.

### 3.1.5 Country

Name	Type	Description
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier for a country (Reference ISO 3166 and UN/ECE Rec 3.).

Name	Type	Description
<b>NameText</b>	<b>String</b>	A name, expressed as text, of the country.
<b>SubordinateCountrySubDivision</b>	<b>CountrySubDivision</b>	A country sub-division subordinate to this country, such as a state, a county, a canton, a province.

### 3.1.6 CountrySubDivision

Name	Type	Description
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier for this sub-division of a country.
<b>NameText</b>	<b>String</b>	A name, expressed as text, of the sub-division of a country.
<b>TypeCode</b>	<b>String</b>	A code specifying a type of country sub-division.
<b>DescriptionText</b>	<b>String</b>	A textual description of this country sub-division.
<b>HierarchicalLevelCode</b>	<b>String</b>	The code specifying the hierarchical level of this country sub-division.
<b>ApplicableCharacteristic</b>	<b>Characteristic</b>	A characteristic applicable to this country sub-division.
<b>IncludedArea</b>	<b>Area</b>	An area included in this country sub-division.
<b>OwnerParty</b>	<b>Party</b>	The party that owns this country sub-division.

Name	Type	Description
<b>SuperordinateCountrySubDivision</b>	<b>CountrySubDivision</b>	A superordinate country sub-division for this country sub-division.
<b>SubordinateCountrySubDivision</b>	<b>CountrySubDivision</b>	A subordinate country sub-division within this country sub-division.
<b>AuthorizedParty</b>	<b>Party</b>	A party authorized within this country sub-division.

### 3.1.7 Document

Name	Type	Description
<b>MultipleTypeIndicator</b>	<b>Boolean</b>	An indication of whether or not a document is an aggregation of different types of business documents.
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier for this document.
<b>TypeCode</b>	<b>String</b>	A code specifying a type of document [Reference United Nations Code List (UNCL) 1001].
<b>NameText</b>	<b>String</b>	A name, expressed as text, for this specific document.
<b>PurposeText</b>	<b>String</b>	A purpose, expressed in text, of this document.
<b>DescriptionText</b>	<b>String</b>	A textual description of this document.
<b>IssueDateTime</b>	<b>Date</b>	A date, time, date time or other date time value for an issuance of this document.

Name	Type	Description
<b>SubmissionDateTime</b>	<b>Date</b>	The date, time, date time or other date time value for the formal submission of this document to a receiver by a sender.
<b>ReceiptDateTime</b>	<b>Date</b>	The date, time, date time or other date time value for the formal receipt of this document.
<b>ControlRequirementIndicator</b>	<b>Boolean</b>	The indication of whether or not a document has specific control requirements.
<b>AttachmentBinaryObject</b>	<b>File</b>	A binary object that is attached or otherwise appended to this document.
<b>CreationDateTime</b>	<b>Date</b>	A date, time, date time or other date time value of a creation of the document.
<b>StatusCode</b>	<b>String</b>	A code specifying a status of a document.
<b>CopyIndicator</b>	<b>Boolean</b>	The indication of whether or not the document is a copy.
<b>ResponseDateTime</b>	<b>Date</b>	A date, date time, time or other date time value for a response to this document.
<b>ItemIdentificationIdentifier</b>	<b>String</b>	The unique identifier of a specific item in this document.
<b>RemarksText</b>	<b>String</b>	A remark, expressed as text, regarding this document.
<b>LanguageIdentifier</b>	<b>String</b>	A unique identifier for a language used in this document.
<b>CurrencyCode</b>	<b>String</b>	A code specifying a currency in which monetary amounts are expressed in this document.
<b>LineCountNumeric</b>	<b>BigDecimal</b>	A count of the number of lines in this document.

Name	Type	Description
<b>ProprietaryInformationTypeCode</b>	<b>String</b>	The code specifying a status of a line in this document.
<b>RevisionText</b>	<b>String</b>	A revision, expressed as text, for this document.
<b>AuthorizationText</b>	<b>String</b>	The authorization, expressed as text, for this document.
<b>ChecksumNumeric</b>	<b>BigDecimal</b>	The number of the checksum for this document.
<b>ProcessingTypeCode</b>	<b>String</b>	The code specifying the type of processing for this document.
<b>ItemQuantity</b>	<b>BigDecimal</b>	A quantity of items in a document.
<b>AcceptanceDateTime</b>	<b>Date</b>	The date, time, date time or other date time value of the acceptance of this document.
<b>PurposeCode</b>	<b>String</b>	A code specifying the purpose of this document, such as request or reminder.
<b>InformationText</b>	<b>String</b>	Information, expressed as text, for this document.
<b>TotalPageQuantity</b>	<b>BigDecimal</b>	The total number of pages for this document.
<b>CategoryCode</b>	<b>String</b>	The code specifying the category of this document.
<b>RevisionDateTime</b>	<b>Date</b>	A date, time, date time or other date time value for the revision of this document.
<b>RejectionReasonText</b>	<b>String</b>	A reason, expressed as text, for the rejection of this document.

Name	Type	Description
<b>CancellationReasonCode</b>	<b>String</b>	A code specifying the reason for the cancellation of this document, such as cancellation due to a change in circumstances invalidating the document, or cancellation due to inadvertent incorrect document content.
<b>CancellationReasonText</b>	<b>String</b>	A reason, expressed as text, for the cancellation of this document.
<b>CancellationDateTime</b>	<b>Date</b>	A date, time, date time, or other date time value of a cancellation of the document.
<b>SequenceIdentifier</b>	<b>String</b>	A unique identifier for the sequence of this document.
<b>ResponseTypeCode</b>	<b>String</b>	A code specifying a type of response for this document.
<b>ResponseReasonCode</b>	<b>String</b>	A code specifying a response reason for this document.
<b>SectionNameText</b>	<b>String</b>	A section name, expressed as text, for this document.
<b>ExternalIdentifier</b>	<b>String</b>	The unique identifier for this document which is external to the document itself, such as the document reference number on an envelope.
<b>FirstVersionIssueDateTime</b>	<b>Date</b>	The date, time, date time or other date time value when the first version of this document was issued.
<b>ExaminedIndicator</b>	<b>Boolean</b>	The indication of whether or not the document has been examined.
<b>VerifiedIndicator</b>	<b>Boolean</b>	The indication of whether or not the document has been verified.

Name	Type	Description
<b>SignedIndicator</b>	<b>Boolean</b>	The indication of whether or not the document has been signed.
<b>SignedDateTime</b>	<b>Date</b>	The date, time, date time or other date time value that the document was signed.
<b>RequestedDateTime</b>	<b>Date</b>	The date, time, date time or other date time value when the document is or was requested.
<b>ChannelCode</b>	<b>String</b>	The code specifying the channel by which the document is sent, such as mail, email, fax.
<b>SignatureLocationText</b>	<b>String</b>	A geographical location, expressed as text, where the document was or will be signed.
<b>StatusText</b>	<b>String</b>	A status, expressed as text, for this document.
<b>RejectionDateTime</b>	<b>Date</b>	The date, time, date time, or other date time value of the rejection of this document.
<b>ResponseCode</b>	<b>String</b>	A code specifying a response in this document.
<b>VersionIdentifier</b>	<b>String</b>	An identifier of a version of this document.
<b>GeographicalSignatureLocationText</b>	<b>String</b>	A geographical location, expressed as text, where this document was or will be signed.
<b>SequenceNumeric</b>	<b>BigDecimal</b>	A sequence number of this document.
<b>URIIdentifier</b>	<b>String</b>	A Uniform Resource Identifier (URI) of this document.
<b>UrgencyCode</b>	<b>String</b>	A code specifying an urgency of this document.

Name	Type	Description
<b>PublicationDateTime</b>	<b>Date</b>	A date, time, date time or other date time value for a publication of this document.
<b>EffectivePeriod</b>	<b>Period</b>	The period within which this document is effective.
<b>ReferenceDocument</b>	<b>Document</b>	Other documents referenced by this document.
<b>IssuerParty</b>	<b>Party</b>	A party that issues this document.
<b>OwnerParty</b>	<b>Party</b>	The party that owns this document.
<b>IssueLocation</b>	<b>Location</b>	A location where this document has been or may be issued.
<b>SenderParty</b>	<b>Party</b>	A party that sends this document.
<b>RecipientParty</b>	<b>Party</b>	A party that receives this document.
<b>AcknowledgingOrganization</b>	<b>Organization</b>	An organization acknowledging this document.
<b>AttachedBinaryFile</b>	<b>BinaryFile</b>	A binary file attached to this document.

### 3.1.8 DynamicDataStructure

Name	Type	Description

### 3.1.9 FinancialAccount

Name	Type	Description
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier for this financial account.
<b>TypeCode</b>	<b>String</b>	A code specifying the type of financial account such as savings, checking.
<b>AccountNameText</b>	<b>String</b>	An account name, expressed as text, of this financial account.
<b>CurrencyCode</b>	<b>String</b>	A code specifying the currency of this financial account (Reference ISO 4217 codes).
<b>TypeText</b>	<b>String</b>	A type, expressed as text, of a financial account.
<b>OwnerParty</b>	<b>Party</b>	A party that owns this financial account.
<b>ServicerParty</b>	<b>Party</b>	A party that services this financial account on behalf of the account owner or owners.
<b>InformationRecipientParty</b>	<b>Party</b>	A party that is entitled to receive information about this financial account.
<b>AgentParty</b>	<b>Party</b>	A party that acts on behalf of another party related to this financial account.
<b>ServicingFinancialInstitution</b>	<b>FinancialInstitution</b>	The financial institution that services this financial account.

### 3.1.10 FinancialCard

Name	Type	Description
<b>MicrochipIndicator</b>	<b>Boolean</b>	The indication of whether or not this financial card has a microchip.
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier of the financial card which is commonly known as the card number.
<b>TypeCode</b>	<b>String</b>	A code specifying a type of financial card, such as debit or credit.
<b>CardholderNameText</b>	<b>String</b>	A name of the holder(s) of the card as it appears as text on this financial card. This may include both an individual authorized to use the card as well as the organization that owns the card.
<b>ExpiryDate</b>	<b>date</b>	A date of expiry up to which the financial card is valid.
<b>VerificationNumeric</b>	<b>BigDecimal</b>	The unique card verification number for security purposes to help verify the card user is in actual possession of the financial card.
<b>ValidFromDateTime</b>	<b>Date</b>	A date from which the financial card is valid.
<b>CreditLimitAmount</b>	<b>BigDecimal</b>	A monetary value of the credit limit for this financial card.
<b>CreditAvailableAmount</b>	<b>BigDecimal</b>	A monetary value of the credit available for this financial card.
<b>InterestRatePercent</b>	<b>BigDecimal</b>	An interest rate expressed as a percentage for this financial card.
<b>IssuingCompanyNameText</b>	<b>String</b>	An issuing company name, expressed as text, for this financial card.

Name	Type	Description
DescriptionText	String	A textual description of this financial card.

### 3.1.11 FinancialInstitution

Name	Type	Description
BEIIdentifier	String	The unique Business Entity Identifier (BEI) as defined in ISO 9362 for this financial institution.
BICIdentifier	String	The unique Bank Identification Code (BIC) as defined in ISO 9362 for this financial institution.
GLNIdentifier	String	The unique Global Location Number (GLN) as defined by GS1 for this financial institution.
IdentificationIdentifier	String	A unique identifier for this financial institution.
NameText	String	A name, expressed as text, for this financial institution.
RoleCode	String	The code specifying a role for this financial institution, such as intermediary or settlement agent.
ClearingSystemNameText	String	A clearing system name, expressed as text, for this financial institution.
LocationAddress	Address	The postal address for this financial institution.

Name	Type	Description
ResidenceCountry	Country	The country where this financial institution is located.
SubDivisionFinancialInstitution	FinancialInstitution	A financial institution that is a sub-division (branch) of this financial institution.
OrganizationalUnitFinancialInstitution	FinancialInstitution	A financial institution that is an organizational unit of this financial institution.

### 3.1.12 KIWDataChangeHistory

Name	Type	Description
ChangeDate	Date	Datum der Änderung.
Fields	Party	Liste der geänderten Feldwerte.

### 3.1.13 KIWDataClass

Name	Type	Description
lastUpdateDate	Date	Das Datum der letzten Aktualisierung.
MasterSystem	String	Code Bezeichnung des Ursprungssystem eines Objektes.
MasterSystemIdentifier	String	Identifizierung des Ursprungssystem eines Objektes.
ChangeHistory	KIWDataChangeHistory	

Name	Type	Description
Container	DynamicDataStructure	

### 3.1.14 KIWDataPackage

Name	Type	Description
Envelope	KIWEnvelope	Objekt für die Beschreibung der Kommunikation.
Process	KIWProcess	Objekt für die Beschreibung der angewendeten Methode.
Content	List	Liste von zu übergebenden Objekten.

### 3.1.15 KIWEvelope

Name	Type	Description
<b>MessageIdentifier</b>	<b>Integer</b>	ID der Nachricht.
<b>SendingSystem</b>	<b>Integer</b>	ID des Sendesystems.
<b>SendingSystemName</b>	<b>String</b>	Name des Sendesystems.
<b>ReceivingSystem</b>	<b>Integer</b>	ID des Empfangssystems.
<b>ReceivingSystemName</b>	<b>String</b>	Name des Empfangssystems.
<b>DateSend</b>	<b>date</b>	Sendedatum der Nachricht.
<b>TimeSend</b>	<b>Date</b>	Sendezzeit der Nachricht.
<b>ContentOverview</b>	<b>KIWOOverview</b>	Beschreibt die enthaltenen Datenobjekte.
<b>ClientID</b>	<b>String</b>	Mandanten ID.
<b>ClientName</b>	<b>String</b>	Mandantenname.

### 3.1.16 KIWFieldChange

Name	Type	Description
<b>Field</b>	<b>String</b>	Bezeichnung des Feldes.
<b>OldValue</b>	<b>Map</b>	Der vorhergehende Wert des entsprechenden Felds.
<b>NewValue</b>	<b>Map</b>	Der geänderte Wert des entsprechenden Felds.

### 3.1.17 KIWOversight

Name	Type	Description
<b>DataClass</b>	<b>String</b>	Name des enthaltenen Datenobjekts.
<b>Count</b>	<b>Integer</b>	Anzahl der Datenobjekte.

### 3.1.18 KIWProcess

Name	Type	Description
<b>Name</b>	<b>String</b>	Name, ausgedrückt als Text, des Prozesses.
<b>Operation</b>	<b>String</b>	Ein Code, der die Funktionsweise des auszuführenden Prozesses beschreibt.
<b>Description</b>	<b>String</b>	Eine textuelle Beschreibung des Prozesses.

Name	Type	Description
<b>Version</b>	<b>String</b>	Eine Kennung einer Version dieses Prozesses.

### 3.1.19 KIWQuery

Name	Type	Description
<b>Envelope</b>	<b>KIWEvelope</b>	Objekt für die Beschreibung der Kommunikation.
<b>Process</b>	<b>KIWProcess</b>	Objekt für die Beschreibung der angewendeten Methode.
<b>Query</b>	<b>KIWithDataClass</b>	Objekt mit konkreten Werten für die Suchanfrage.

### 3.1.20 KIWResponse

Name	Type	Description
<b>Success</b>	<b>Boolean</b>	Boolscherwert über den Erfolg/Misserfolg einer Datenübertragung.
<b>StatusCode</b>	<b>String</b>	Informationscodierung über den Erfolg/Misserfolg einer Datenübertragung.
<b>StatusText</b>	<b>String</b>	Textuelle Beschreibung über den Status einer Datenübertragung.
<b>Content</b>	<b>KIWithDataPackage</b>	Datenpaket mit den zurückgelieferten Objekten.

### 3.1.21 Location

Name	Type	Description
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier for this location such as a United Nations Location Code (UNLOCODE) or GS1 Global Location Number (GLN).
<b>NameText</b>	<b>String</b>	A name, expressed as text, of this location.
<b>TypeCode</b>	<b>String</b>	A code specifying the type of location.
<b>DirectionsText</b>	<b>String</b>	A textual description of how to reach the location.
<b>DescriptionText</b>	<b>String</b>	A textual description of the location.
<b>DistrictIdentifier</b>	<b>String</b>	A unique identifier of the district area regarded as a geographic or administrative unit within which this location is situated.
<b>CountryNameText</b>	<b>String</b>	A name, expressed as text, of the country for this location.
<b>CountrySubMinusDivisionNameText</b>	<b>String</b>	A name, expressed as text, of the sub-division of a country for this location.
<b>CountryIdentifier</b>	<b>String</b>	A unique identifier of a country for this location (Reference ISO 3166 and UN/ECE Rec 3).
<b>CountrySubMinusDivisionIdentifier</b>	<b>String</b>	The unique identifier of the country sub-division for this location.
<b>GeopoliticalRegionNameText</b>	<b>String</b>	The name, expressed as text, of the geopolitical region for this location.

Name	Type	Description
<b>GeopoliticalRegionCode</b>	<b>String</b>	The code specifying the geopolitical region for this location.
<b>CountrySuperordinateIdentifier</b>	<b>String</b>	The unique identifier of the country superordinate (grouping of countries to a bigger entity) in which the location is situated.
<b>UTCOffsetNumeric</b>	<b>BigDecimal</b>	The time offset value from the Universal Time Coordinate (UTC) for this location.
<b>TypeText</b>	<b>String</b>	A type, expressed as text, of this location.
<b>RelatedDateTime</b>	<b>Date</b>	A date, time, date time, or other date time value related to this location.
<b>VersionIdentifier</b>	<b>String</b>	An identifier of a version of this location.
<b>ConditionCode</b>	<b>String</b>	A code specifying a condition of this location, such as flooded.
<b>PossessionDateTime</b>	<b>Date</b>	A date, time, date time, or other date time value for possession of this location.
<b>ManagementOrganizationCode</b>	<b>String</b>	A code specifying an organization, such as a body of administrative officials, managing this location.
<b>ReferenceCode</b>	<b>String</b>	A code specifying a reference for this location.
<b>PhysicalGeographicalCoordinate</b>	<b>GeographicalCoordinate</b>	Geographical coordinate information for this location.
<b>PostalAddress</b>	<b>Address</b>	Postal address information for this location.

Name	Type	Description
<b>SubordinateLocation</b>	<b>Location</b>	Subordinate location information within this location.
<b>SpecifiedParty</b>	<b>Party</b>	A party specified for this location.
<b>PhysicalAddress</b>	<b>Address</b>	The physical address of this location.
<b>AvailabilityPeriod</b>	<b>Period</b>	An availability period for a location.
<b>SpecifiedFacility</b>	<b>Facility</b>	A facility specified for this location.
<b>SpecifiedCountrySubDivision</b>	<b>CountrySubDivision</b>	A country sub-division specified for this location.
<b>SpecifiedArea</b>	<b>Area</b>	An area specified for this location.
<b>ApplicableTax</b>	<b>Tax</b>	A tax applicable at a location.
<b>RelatedLocation</b>	<b>Location</b>	A location related to this location.
<b>ApplicableCharacteristic</b>	<b>Characteristic</b>	A characteristic applicable to this location.
<b>SpecifiedEvent</b>	<b>Event</b>	An event specified for this location.
<b>ResponsibleParty</b>	<b>Party</b>	A party responsible for this location.
<b>SpecifiedAddress</b>	<b>Address</b>	An address specified for this location.

### 3.1.22 Occupation

Name	Type	Description
TypeCode	String	The code specifying the type of occupation.
DescriptionText	String	The textual description of the occupation.
ClassCode	String	The code specifying the class of the occupation, such as accountancy, banking, car delivery.
RankingCode	String	The code specifying the relative importance (ranking) of this occupation with respect to the person's other occupations such as main occupation, secondary occupation.
FullMinusTimeIndicator	Boolean	The indication of whether or not the occupation is full-time.
HeldPeriod	Period	A period of time during which this occupation has been held.

### 3.1.23 OffsetDateTime

Name	Type	Description
max	Integer	
min	Integer	

### 3.1.24 Organization

Name	Type	Description
<b>BusinessTypeCode</b>	<b>String</b>	A code specifying a type of business of this organization.
<b>LegalClassificationCode</b>	<b>String</b>	The code specifying the legal classification of this organization such as those representing Incorporated (Inc), limited liability corporation (LLC) or non-profit.
<b>TaxRegistrationIdentifier</b>	<b>String</b>	A unique tax registration identifier assigned to an organization for the purpose of collecting taxes. In the US, this could be the Federal Employer Identification Number (FEIN), in the EU this could be the Value Added Tax (VAT) Registration Number.
<b>NameText</b>	<b>String</b>	A name, expressed as text, of this organization.
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier for this organization.
<b>DescriptionText</b>	<b>String</b>	A textual description of this organization.
<b>DistrictIdentifier</b>	<b>String</b>	A unique identifier of the district area regarded as a geographic or administrative unit within which this organization operates.
<b>TradeMarkText</b>	<b>String</b>	A trade mark, expressed as text, for an organization.
<b>AbbreviatedNameText</b>	<b>String</b>	An abbreviated name, expressed as text, for an organization.
<b>TypeCode</b>	<b>String</b>	A code specifying a type of organization.

Name	Type	Description
<b>FunctionCode</b>	<b>String</b>	A code specifying a function of an organization.
<b>EstablishedDateTime</b>	<b>Date</b>	The date, time, date time, or other date time value when the organization was established.
<b>TrustTypeCode</b>	<b>String</b>	The code specifying the type of trust for the organization.
<b>OwnerQuantity</b>	<b>BigDecimal</b>	The number of owners of the organization.
<b>DBANameText</b>	<b>String</b>	The DBA (Doing Business As) name of the organization, expressed as text.
<b>TradingBusinessNameText</b>	<b>String</b>	The trading business name of the organization, expressed as text.
<b>DivisionNameText</b>	<b>String</b>	The name of a division of the organization, expressed as text.
<b>OrganizationalUnitIdentifier</b>	<b>String</b>	The unique identifier of an organizational unit within an organization.
<b>OrganizationalUnitFunctionCode</b>	<b>String</b>	The code specifying the function of the organizational unit.
<b>ProfitObjectiveCode</b>	<b>String</b>	The code specifying the profit objective for the organization.
<b>DissolvedDateTime</b>	<b>Date</b>	The date, time, date time or other date time value when the organization was legally dissolved or went out of business.
<b>PubliclyTradedIndicator</b>	<b>Boolean</b>	The indication of whether or not the organization is publicly traded.

Name	Type	Description
<b>TaxExemptIndicator</b>	<b>Boolean</b>	The indication of whether or not this organization is exempt from tax, such as from US federal tax or VAT.
<b>BusinessDurationMeasure</b>	<b>BigDecimal</b>	The measure of the period of time that this organization has been in business.
<b>ActiveIndicator</b>	<b>Boolean</b>	The indication of whether or not the organization is currently active.
<b>OperationsScopeCode</b>	<b>String</b>	The code specifying the scope of operations for this organization.
<b>OperationsDescriptionText</b>	<b>String</b>	The textual description of the operations performed by this organization.
<b>DomesticLocationQuantity</b>	<b>BigDecimal</b>	The number of domestic locations for the organization.
<b>ForeignLocationQuantity</b>	<b>BigDecimal</b>	The number of foreign locations for the organization.
<b>MembersAndManagersQuantity</b>	<b>BigDecimal</b>	The number of members and managers in the organization.
<b>CompanyMergerDateTime</b>	<b>Date</b>	The date, time, date time or other date time value when the organization merged with another company to form the current organization.
<b>MergedCompanyNameText</b>	<b>String</b>	The merged company name, expressed as text, for this organization.
<b>CompanyNameChangeDateTime</b>	<b>Date</b>	The date, time, date time or other date time value when the organization changed from its previous name to its current name.
<b>PreviousNameText</b>	<b>String</b>	The previous name of the organization, expressed as text.

Name	Type	Description
<b>BrokerRelationshipDateTime</b>	<b>Date</b>	The date, time, date time or other date time value when the organization first established a relationship with its broker.
<b>ParentText</b>	<b>String</b>	The parent organization, expressed as text, of this organization.
<b>LanguageCode</b>	<b>String</b>	The code specifying the language of this organization.
<b>ParentIdentifier</b>	<b>String</b>	A unique identifier for the parent of this organization.
<b>NameChangeDateTime</b>	<b>Date</b>	A date, time, date time or other date time value when this organization changed from its previous name to its current name.
<b>CapitalValueAmount</b>	<b>BigDecimal</b>	A monetary value of the capital of this organization.
<b>DomesticRegisteredIndicator</b>	<b>Boolean</b>	The indication of whether or not the organization is registered within the country of the address specified.
<b>PrimaryContact</b>	<b>Contact</b>	A primary contact information for this organization.
<b>SubordinateOrganization</b>	<b>Organization</b>	An organization subordinate to this organization.
<b>PostalAddress</b>	<b>Address</b>	A postal address for this organization.
<b>PhysicalLocation</b>	<b>Location</b>	A physical location for this organization.
<b>DesignatedContact</b>	<b>Contact</b>	Information for a designated contact within this organization.

Name	Type	Description
<b>InternalUnitOrganization</b>	<b>Organization</b>	An internal unit within this organization.
<b>CompanyBranchOrganization</b>	<b>Organization</b>	A company branch of this organization.
<b>FieldOfficeOrganization</b>	<b>Organization</b>	A field office of this organization.
<b>SpecifiedEmployeeCount</b>	<b>EmployeeCount</b>	An employee count specified for this organization.
<b>OperatingUnderPresentNamePeriod</b>	<b>Period</b>	The period during which the organization has been operating under its present name.
<b>OperatingPeriod</b>	<b>Period</b>	The period during which the organization has actually been operating.
<b>PrimaryPerson</b>	<b>Person</b>	The primary person for this organization.
<b>ParentOrganization</b>	<b>Organization</b>	A parent organization of this organization.
<b>DesignatedParty</b>	<b>Party</b>	A designated party for this organization.
<b>AuthorizedPerson</b>	<b>Person</b>	A person who is authorized to act for this organization.
<b>SpecifiedOwnership</b>	<b>Ownership</b>	A specified ownership for this organization.
<b>PhysicalAddress</b>	<b>Address</b>	A physical address for this organization.
<b>ResponsibleParty</b>	<b>Party</b>	A party responsible for this organization.

### 3.1.25 Party

Name	Type	Description
<b>IdentificationIdentifier</b>	<b>String</b>	A unique identifier of the party.
<b>TypeCode</b>	<b>String</b>	A code specifying the type of party that is independent of its role.
<b>NameText</b>	<b>String</b>	A name, expressed as text, for this party.
<b>DescriptionText</b>	<b>String</b>	A textual description of this party.
<b>AccessRightsCode</b>	<b>String</b>	A code specifying this party's access rights such as unlimited, restricted, prohibited.
<b>ClassificationCode</b>	<b>String</b>	A code specifying a classification for this party.
<b>RoleCode</b>	<b>String</b>	A code specifying the role of this party.
<b>LanguageCode</b>	<b>String</b>	A code specifying a language for this specific party.
<b>ResidenceCountryIdentifier</b>	<b>String</b>	The unique identifier of the residence country of this party.
<b>CountryIdentifier</b>	<b>String</b>	A unique country identifier for this party.
<b>BranchIndicator</b>	<b>Boolean</b>	An indication of whether or not this party is a branch of an organization.
<b>AssignedToRoleDateTime</b>	<b>Date</b>	The date, time, date time or other date time value when this role was assigned to the party.

Name	Type	Description
<b>VersionIdentifier</b>	<b>String</b>	An identifier of a version of this party.
<b>RatingCode</b>	<b>String</b>	The code specifying the rating of this party.
<b>SpecifiedOrganization</b>	<b>Organization</b>	The organization specified for this party.
<b>ActionEvent</b>	<b>Event</b>	An action taken for an event by or in behalf of the party.
<b>DefinedContact</b>	<b>Contact</b>	A defined contact for this party.
<b>ResidenceAddress</b>	<b>Address</b>	The residence address for this party.
<b>PostalAddress</b>	<b>Address</b>	A postal address for this party.
<b>ApplicableMembership</b>	<b>Membership</b>	A membership applicable to this party.
<b>TelephoneCommunication</b>	<b>Communication</b>	A telephone communication for this party.
<b>FaxCommunication</b>	<b>Communication</b>	A fax communication for this party.
<b>URICommunication</b>	<b>Communication</b>	A Uniform Resource Identifier (URI) communication for this party, such as a web or email address.
<b>ProvidedService</b>	<b>Service</b>	A service provided by this party.
<b>AssociatedParty</b>	<b>Party</b>	A party associated with this party, such as a local agent of a shipping line.

Name	Type	Description
<b>SpecifiedLocation</b>	<b>Location</b>	A location or place specified for this party.
<b>ReferencedDocument</b>	<b>Document</b>	A document referenced by this party.
<b>OfficeAddress</b>	<b>Address</b>	An office address for this party.
<b>SpecifiedPartyGroup</b>	<b>PartyGroup</b>	The party group specified for this party.
<b>AppointedPerson</b>	<b>Person</b>	An appointed person for this party.
<b>AssociatedBinaryFile</b>	<b>BinaryFile</b>	A binary file associated with this party, such as the binary representation of a picture or company logo.
<b>HeldLicence</b>	<b>Licence</b>	A licence held by this party.
<b>OwnedFinancialAccount</b>	<b>FinancialAccount</b>	A financial account owned by this party.
<b>SpecifiedCountry</b>	<b>Country</b>	A country specified for this party.
<b>ParentParty</b>	<b>Party</b>	A party that is a parent of this party.
<b>DesignatedParty</b>	<b>Party</b>	A designated party for this party.

### 3.1.26 PartyGroup

Name	Type	Description
<b>DescriptionText</b>	<b>String</b>	The textual description of the party group.
<b>EffectiveDateTime</b>	<b>Date</b>	The date, time, date time or other date time value that the party group became effective.
<b>FullNameText</b>	<b>String</b>	The full name of the party group, expressed as text.
<b>OperatingStatusCode</b>	<b>String</b>	The code specifying the operating status of the party group, such as active or inactive.
<b>TypeCode</b>	<b>String</b>	The code specifying the type of party group.
<b>MemberQuantity</b>	<b>BigDecimal</b>	The number of individuals in the party group.
<b>PurposeCode</b>	<b>String</b>	The code specifying the common interest or purpose of the party group.
<b>EndDateTime</b>	<b>Date</b>	The date, time, date time or other date time value of the end of the party group.
<b>AdultQuantity</b>	<b>BigDecimal</b>	The number of adults in the party group.
<b>ChildrenQuantity</b>	<b>BigDecimal</b>	The number of children in the party group.
<b>SeniorsQuantity</b>	<b>BigDecimal</b>	The number of senior citizens in the party group.
<b>CouplesQuantity</b>	<b>BigDecimal</b>	The number of couples in the party group.

Name	Type	Description
<b>FamilyQuantity</b>	<b>BigDecimal</b>	The number of families in the party group.
<b>InfantQuantity</b>	<b>BigDecimal</b>	The number of infants (ages one year or less) in the party group.
<b>SingleParentFamilyQuantity</b>	<b>BigDecimal</b>	The number of single parent families in the party group.
<b>SpecifiedPerson</b>	<b>Person</b>	A specified person in the party group.

### 3.1.27 Person

Name	Type	Description
<b>IdentificationIdentifier</b>	<b>BigDecimal</b>	A unique identifier for this person.
<b>NameText</b>	<b>String</b>	A name or set of names, expressed as text, by which this person is known.
<b>GivenNameText</b>	<b>String</b>	Name or names, expressed as text, usually given to a person by his/her parents at birth.
<b>MiddleNameText</b>	<b>String</b>	Name or names, expressed as text, usually given to a person by his/her parents at birth, other than the first name.
<b>FamilyNameText</b>	<b>String</b>	A name, expressed as text, that a person shares with members of his/her family.
<b>TitleText</b>	<b>String</b>	A textual expression of the title associated with a specific person, such as Doctor, Mr., Mrs., Ms.

Name	Type	Description
<b>SalutationText</b>	<b>String</b>	A formal sign or expression of greeting, expressed as text, that is appropriate for this person such as Right Honourable, Monsignor or Madam.
<b>MaritalStatusCode</b>	<b>BigDecimal</b>	A code specifying the married status of this person such as married, single, or divorced.
<b>GenderCode</b>	<b>BigDecimal</b>	A code specifying the gender of this person such as male, female.
<b>BirthDateTime</b>	<b>Date</b>	A date, time, date time or other date time value which specifies the birth date for this person.
<b>DeathDateTime</b>	<b>Date</b>	A date, time, date time or other date time value which specifies the death date for this person.
<b>DescriptionText</b>	<b>String</b>	A textual description of this person.
<b>MaidenNameText</b>	<b>String</b>	A family name, expressed as text, of a person before first marriage.
<b>SocialInsuranceContractIdentifier</b>	<b>BigDecimal</b>	The unique identifier for the person's contract with the social insurance provider.
<b>AlternateLanguageIdentifier</b>	<b>BigDecimal</b>	The unique identifier of the language alternate to the native language of this person.
<b>AlternateLanguageProficiencyCode</b>	<b>BigDecimal</b>	The code specifying the proficiency of the individual in the alternate language specified.
<b>BirthplaceNameText</b>	<b>String</b>	The name of the place where this person was born, expressed as text.
<b>ChildrenQuantity</b>	<b>BigDecimal</b>	The number of children this person has.

Name	Type	Description
<b>HandicappedIndicator</b>	<b>Boolean</b>	The indication of whether or not the person is handicapped.
<b>ResidenceAddress</b>	<b>Address</b>	A residence address for this person.
<b>NationalityCountry</b>	<b>Country</b>	A country that constitutes a nationality by origin, birth, or naturalization for this person.
<b>TelephoneCommunication</b>	<b>Communication</b>	Telephone communication information for this person.
<b>FaxCommunication</b>	<b>Communication</b>	Fax communication information for this person.
<b>URICommunication</b>	<b>Communication</b>	Uniform Resource Identifier (URI) communication information for this person such as a web or email address.
<b>FiliationPerson</b>	<b>Person</b>	A person that is a filiation of this person, such as a child.
<b>ApplicablePersonFinancialSituation</b>	<b>PersonFinancialSituation</b>	The financial situation applicable to this person.
<b>AttainedQualification</b>	<b>Qualification</b>	A qualification attained by this person.
<b>SpecifiedOccupation</b>	<b>Occupation</b>	An occupation specified for this person.
<b>SpecificAccreditation</b>	<b>Accreditation</b>	A specific accreditation for this person.
<b>SustainedInjury</b>	<b>Injury</b>	An injury sustained by this person.
<b>HeldMembership</b>	<b>Membership</b>	A membership held by this person.

Name	Type	Description
<b>AdditionalNote</b>	<b>Note</b>	An additional note for this person.
<b>SpecifiedCertificate</b>	<b>Certificate</b>	A certificate specified for this person.

### 3.1.28 Qualification

Name	Type	Description
<b>TypeCode</b>	<b>String</b>	A code specifying the type of qualification.
<b>NameText</b>	<b>String</b>	A name, expressed as text, of this qualification.
<b>AbbreviatedNameText</b>	<b>String</b>	An abbreviated name, expressed as text, of this qualification.
<b>EndorsementCode</b>	<b>String</b>	A code specifying an endorsement to this qualification, such as the type of special service that a person is allowed to perform.
<b>ExaminationResult</b>	<b>ExaminationResult</b>	Examination results required for this qualification.
<b>IssuingCountry</b>	<b>Country</b>	The country issuing this qualification.
<b>CertificationDocument</b>	<b>Document</b>	A certification document for this qualification.

## 4 Literaturverzeichnis

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## 6 Kontakt

Wenn Sie Fragen oder Anregungen zum KIW-Referenzmodell haben, lassen Sie es uns wissen. Wir stehen Ihnen gerne zur Verfügung.

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