CardPaymentEnvironment79

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| --- | --- | --- | --- | --- | --- |
| Lvl | CardPaymentEnvironment79 | Mult | Constraint | Rule | Usage |
| 1 | Acquirer | [0..1] | Config |  | See MDR for sub elements and [Acquirer10](#Acquirer10)*::Acquirer10* <br>See MDR for sub elements and <a href="#Acquirer10">Acquirer10</a><br/>*<Acqrr>::Acquirer10* |
| 1 | ServiceProvider | [0..1] |  |  | See MDR for sub elements and [Acquirer10](#Acquirer10)*::Acquirer10* <br>See MDR for sub elements and <a href="#Acquirer10">Acquirer10</a><br/>*<SvcPrvdr>::Acquirer10* |
| 1 | Merchant | [0..1] |  |  | <*::Organisation41<Mrchnt>::Organisation41* |
| 2 | Identification | [0..1] | Config |  | See MDR for sub elements and [GenericIdentification32](#GenericIdentification32)*::GenericIdentification32* <br>See MDR for sub elements and <a href="#GenericIdentification32">GenericIdentification32</a><br/>*<Id>::GenericIdentification32* |
| 2 | CommonName | [0..1] | Config |  | N*::Max70Text*Name of the merchant as appearing on thereceipt. <br/>*<CmonNm>::Max70Text* |
| 2 | LocationCategory | [0..1] | Config |  | <Indicates the type of integration of the POI terminal in the sale environment.- **ABRD: Aboard** : *Aboard is used when the sale is done in a vehicle (e.g a bus, train, ship, airplane,  taxi, etc).*- **NMDC: Nomadic** : *Nomadic is used when the merchant is traveling to different locations (e.g fair or  sport events, home delivery, food truck).*- **FIXD: PhysicalShop** : *Fixed location, for example in a shop.*- **VIRT: VirtualShop** : *Virtual Shop is used for any ecommerce solution.::LocationCategory4Code*<br/>Indicates the type of integration of the POI terminal in the sale environment.<br/>- <b>ABRD: Aboard</b> : <i>Aboard is used when the sale is done in a vehicle (e.g a bus, train, ship, airplane,  taxi, etc).</i><br/>- <b>NMDC: Nomadic</b> : <i>Nomadic is used when the merchant is traveling to different locations (e.g fair or  sport events, home delivery, food truck).</i><br/>- <b>FIXD: PhysicalShop</b> : <i>Fixed location, for example in a shop.</i><br/>- <b>VIRT: VirtualShop</b> : <i>Virtual Shop is used for any ecommerce solution.</i><br/>*<LctnCtgy>::LocationCategory4Code* |
| 2 | LocationAndContact | [0..1] |  |  | <*::CommunicationAddress9<LctnAndCtct>::CommunicationAddress9* |
| 3 | PostalAddress | [0..1] |  |  | See MDR for sub elements and [PostalAddress22](#PostalAddress22)*::PostalAddress22* <br>See MDR for sub elements and <a href="#PostalAddress22">PostalAddress22</a><br/>*<PstlAdr>::PostalAddress22* |
| 3 | Email | [0..1] |  |  | <*::Max256Text<Email>::Max256Text* |
| 3 | URLAddress | [0..1] |  |  | <*::Max256Text<URLAdr>::Max256Text* |
| 3 | Phone | [0..1] |  |  | <*::PhoneNumber<Phne>::PhoneNumber* |
| 3 | CustomerService | [0..1] |  |  | <*::PhoneNumber<CstmrSvc>::PhoneNumber* |
| 3 | AdditionalContactInformation | [0..1] |  |  | <*::Max256Text<AddtlCtctInf>::Max256Text* |
| 2 | SchemeData | [0..1] | Config |  | <*::Max140Text<SchmeData>::Max140Text* |
| 1 | POI | [0..1] |  |  | <*::PointOfInteraction13<POI>::PointOfInteraction13* |
| 2 | Identification | [1..1] | Config |  | <See MDR for sub elements and [GenericIdentification177](#GenericIdentification177)*::GenericIdentification177*<br>See MDR for sub elements and <a href="#GenericIdentification177">GenericIdentification177</a><br/>*<Id>::GenericIdentification177* |
| 2 | SystemName | [0..1] | Config |  | A*::Max70Text*Allows a fast identification of the POI type by the Acquirer to monitor the transaction. <br/>*<SysNm>::Max70Text* |
| 2 | GroupIdentification | [0..1] | Config |  | T*::Max35Text*This identifier can be used as a way for a merchant to group a set of POI transactions for reconciliation. <br/>*<GrpId>::Max35Text* |
| 2 | Capabilities | [0..1] |  |  | See MDR for sub elements and [PointOfInteractionCapabilities9](#PointOfInteractionCapabilities9)*::PointOfInteractionCapabilities9* <br>See MDR for sub elements and <a href="#PointOfInteractionCapabilities9">PointOfInteractionCapabilities9</a><br/>*<Cpblties>::PointOfInteractionCapabilities9* |
| 2 | TimeZone | [0..1] |  |  | T*::Max70Text*Time zone name as defined by IANA(Internet Assigned Numbers Authority) inthe time zone data base. America/Chicagoor Europe/Paris are examples of timezone names. <br/>*<TmZone>::Max70Text* |
| 2 | TerminalIntegration | [0..1] |  |  | IIndicates the type of integration of the POI terminal in the sale environment.- **INDR: Indoor** : *Indoor terminal.*- **IPMP: InsidePump** : *Terminal incorporated in the pump dispensing petrol.*- **MPOI: MultiplePOITerminal** : *Multiple terminals linked to a unique sale terminal.*- **MPMP: MultiplePump** : *Outdoor terminal serving several petrol pumps.*- **MSLE: MultipleSaleTerminal** : *Terminal serving multiple sale terminals.*- **SSLE: SingleSaleTerminal** : *Terminal linked to a unique sale terminal.*- **VNDG: VendingMachine** : *Terminal integrated in a vending machine.::LocationCategory3Code*Indicates the type of integration of the POI terminal in the sale environment. INDR Indoor : Indoor terminal.IPMP InsidePump : Terminal incorporated in the pump dispensing petrol.MPOI MultiplePOITerminal : Multiple terminals linked to a unique sale terminal.MPMP MultiplePump : Outdoor terminal serving several petrol pumps.MSLE MultipleSaleTerminal Terminal servingmultiple sale terminals.SSLE SingleSaleTerminal : Terminal linked to aunique sale terminal.VNDG VendingMachine : Terminal integrated in avending machine. <br/><br/>Indicates the type of integration of the POI terminal in the sale environment.<br/>- <b>INDR: Indoor</b> : <i>Indoor terminal.</i><br/>- <b>IPMP: InsidePump</b> : <i>Terminal incorporated in the pump dispensing petrol.</i><br/>- <b>MPOI: MultiplePOITerminal</b> : <i>Multiple terminals linked to a unique sale terminal.</i><br/>- <b>MPMP: MultiplePump</b> : <i>Outdoor terminal serving several petrol pumps.</i><br/>- <b>MSLE: MultipleSaleTerminal</b> : <i>Terminal serving multiple sale terminals.</i><br/>- <b>SSLE: SingleSaleTerminal</b> : <i>Terminal linked to a unique sale terminal.</i><br/>- <b>VNDG: VendingMachine</b> : <i>Terminal integrated in a vending machine.</i><br/>*<TermnlIntgtn>::LocationCategory3Code* |
| 2 | Component | [0..\*] |  |  | <See MDR for sub elements and [PointOfInteractionComponent14](#PointOfInteractionComponent14)*::PointOfInteractionComponent14*<br>See MDR for sub elements and <a href="#PointOfInteractionComponent14">PointOfInteractionComponent14</a><br/>*<Cmpnt>::PointOfInteractionComponent14* |
| 1 | Card | [0..1] | Config |  | <*::PaymentCard33<Card>::PaymentCard33* |
| 2 | ProtectedCardData | [0..1] |  | C1 | See MDR for sub elements and [ContentInformationType35](#ContentInformationType35)*::ContentInformationType35* <br>See MDR for sub elements and <a href="#ContentInformationType35">ContentInformationType35</a><br/>*<PrtctdCardData>::ContentInformationType35* |
| 2 | PrivateCardData | [0..1] |  |  | C*::Max100KBinary*Can be used to carry Card data encryptedby private format not covered by nexoStandard, P2PE product for example. <br/>*<PrvtCardData>::Max100KBinary* |
| 2 | PlainCardData | [0..1] |  | C1 | P*::PlainCardData15*Present if ProtectedCardData absent. <br/>*<PlainCardData>::PlainCardData15* |
| 3 | PAN | [1..1] |  |  | <*::Min8Max28NumericText<PAN>::Min8Max28NumericText* |
| 3 | CardSequenceNumber | [0..1] | Appli |  | <*::Min2Max3NumericText<CardSeqNb>::Min2Max3NumericText* |
| 3 | EffectiveDate | [0..1] | Appli |  | <*::Max10Text<FctvDt>::Max10Text* |
| 3 | ExpiryDate | [1..1] |  |  | <*::Max10Text<XpryDt>::Max10Text* |
| 3 | ServiceCode | [0..1] | Appli |  | <*::Exact3NumericText<SvcCd>::Exact3NumericText* |
| 3 | Track | [0..1] |  |  | <*::Max76Text<Trck1>::Max76Text* |
| 3 | Track | [0..1] |  |  | <*::Max37Text<Trck2>::Max37Text* |
| 3 | Track | [0..1] |  |  | <*::Max104Text<Trck3>::Max104Text* |
| 3 | CardholderName | [0..1] |  |  | <*::Max45Text<CrdhldrNm>::Max45Text* |
| 2 | PaymentAccountReference | [0..1] |  |  | U*::Max70Text*Unique reference to the card, used by both merchants and acquirers to link tokenized and non-tokenized transactions associated to the same underlying card. <br/>*<PmtAcctRef>::Max70Text* |
| 2 | MaskedPAN | [0..1] |  |  | <*::Max30Text<MskdPAN>::Max30Text* |
| 2 | IssuerBIN | [0..1] |  |  | B*::Max15NumericText*Bank identifier number of the issuer forrouting purpose <br/>*<IssrBIN>::Max15NumericText* |
| 2 | CardCountryCode | [0..1] | Appli |  | A*::Max3Text*Alphabetic with 2 or 3 characters, or numeric code conforms to ISO 3166 – 1.Indicates the country of the card issuer. <br/>*<CardCtryCd>::Max3Text* |
| 2 | CardCurrencyCode | [0..1] |  |  | C*::Exact3AlphaNumericText*Currency code of the card issuer (ISO4217 numeric code). <br/>*<CardCcyCd>::Exact3AlphaNumericText* |
| 2 | CardProductProfile | [0..1] | Config |  | D*::Max35Text*Defines the acceptance processing and rules performed by the POI, after analysis of the application profile.Assigned by the Acquirer. <br/>*<CardPdctPrfl>::Max35Text* |
| 2 | CardBrand | [0..1] | Appli |  | B*::Max35Text*Brand name of the card or the scheme. <br/>*<CardBrnd>::Max35Text* |
| 2 | CardProductType | [0..1] |  |  | <Type of card product.- **COMM: CommercialCard** : *Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.*- **CONS: ConsumerCard** : *Cards issued as a means of personal expenditure. The user is always an individual.::CardProductType1Code*<br/>Type of card product.<br/>- <b>COMM: CommercialCard</b> : <i>Cards issued as a means of business expenditure, for instance business card or corporate card. The user could be a company, an individual for business expenses or a self employed for business purposes.</i><br/>- <b>CONS: ConsumerCard</b> : <i>Cards issued as a means of personal expenditure. The user is always an individual.</i><br/>*<CardPdctTp>::CardProductType1Code* |
| 2 | CardProductSubType | [0..1] |  |  | <*::Max35Text<CardPdctSubTp>::Max35Text* |
| 2 | InternationalCard | [0..1] |  |  | d*::TrueFalseIndicator*default True. True if the card may be used abroad, else False for domestic cards only. <br/>*<IntrnlCard>::TrueFalseIndicator* |
| 2 | AllowedProduct | [0..\*] |  |  | P*::Max70Text*Product that can be paid with the card. The list of allowed products contained in some specific cards (eg. Petrolcards) <br/>*<AllwdPdct>::Max70Text* |
| 2 | ServiceOption | [0..1] |  |  | O*::Max35Text*Options to the service provided by thecard. <br/>*<SvcOptn>::Max35Text* |
| 2 | AdditionalCardData | [0..1] | Appli |  | A*::Max70Text*Additional data taken from specific cardproducts. <br/>*<AddtlCardData>::Max70Text* |
| 1 | Check | [0..1] |  |  | <*::Check1<Chck>::Check1* |
| 2 | BankIdentification | [0..1] |  |  | <*::Max35Text<BkId>::Max35Text* |
| 2 | AccountNumber | [0..1] |  |  | <*::Max35Text<AcctNb>::Max35Text* |
| 2 | CheckNumber | [0..1] |  |  | <*::Max35Text<ChckNb>::Max35Text* |
| 2 | CheckCardNumber | [0..1] |  |  | <*::Max35Text<ChckCardNb>::Max35Text* |
| 2 | CheckTrackData | [0..1] |  |  | <*::TrackData2<ChckTrckData2>::TrackData2* |
| 3 | TrackNumber | [0..1] |  |  | <*::Number<TrckNb>::Number* |
| 3 | TrackFormat | [0..1] |  |  | <Use to identify format of a track on a card or other documents like checks.- **AAMV: AAMVAFormat** : *American driver license.*- **CMC7: CMC7CheckFormat** : *Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.*- **E13B: E13BCheckFormat** : *Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.*- **ISOF: ISOFormat** : *ISO card track format - ISO 7813 - ISO 4909.*- **JIS1: JISIFormat** : *Japanese track format I.*- **JIS2: JISIIFormat** : *Japanese track format II.::TrackFormat1Code*<br/>Use to identify format of a track on a card or other documents like checks.<br/>- <b>AAMV: AAMVAFormat</b> : <i>American driver license.</i><br/>- <b>CMC7: CMC7CheckFormat</b> : <i>Magnetic Ink Character Recognition, using the CMC-7 font - ISO 1004 Line at the bottom of a check containing the bank account and the check number.</i><br/>- <b>E13B: E13BCheckFormat</b> : <i>Magnetic Ink Character Recognition, using the E-13B font) Line at the bottom of a check containing the bank account and the check number.</i><br/>- <b>ISOF: ISOFormat</b> : <i>ISO card track format - ISO 7813 - ISO 4909.</i><br/>- <b>JIS1: JISIFormat</b> : <i>Japanese track format I.</i><br/>- <b>JIS2: JISIIFormat</b> : <i>Japanese track format II.</i><br/>*<TrckFrmt>::TrackFormat1Code* |
| 3 | TrackValue | [1..1] |  |  | <*::Max140Text<TrckVal>::Max140Text* |
| 2 | CheckType | [0..1] |  |  | <Type of bank check.- **BANK: BankCheck** : *The check is guaranteed by a bank.*- **BUSI: BusinessCheck** : *The check belongs to a Company or a professional entity.*- **GOVC: GovernmentCheck** : *Check issued by Government.*- **PAYR: PayrollCheck** : *Check issued by a company for the employees.*- **PERS: PersonalCheck** : *The check belongs to an individual.::CheckType1Code*<br/>Type of bank check.<br/>- <b>BANK: BankCheck</b> : <i>The check is guaranteed by a bank.</i><br/>- <b>BUSI: BusinessCheck</b> : <i>The check belongs to a Company or a professional entity.</i><br/>- <b>GOVC: GovernmentCheck</b> : <i>Check issued by Government.</i><br/>- <b>PAYR: PayrollCheck</b> : <i>Check issued by a company for the employees.</i><br/>- <b>PERS: PersonalCheck</b> : <i>The check belongs to an individual.</i><br/>*<ChckTp>::CheckType1Code* |
| 2 | Country | [0..1] | Appli |  | A*::Max3Text*Alphabetic with 2 or 3 characters, or numeric code conforms to ISO 3166 – 1.Indicates the country of the card issuer. <br/>*<Ctry>::Max3Text* |
| 1 | StoredValueAccount | [0..\*] |  |  | <*::StoredValueAccount2<StordValAcct>::StoredValueAccount2* |
| 2 | AccountType | [0..1] |  |  | <Type of stored value account.- **BNKA: BankPrepaidAccount** : *Prepaid account managed by a financial institution for low income customers.*- **CWVC: CarwashVoucher** : *Car wash specific account.*- **CPYA: CompanyPrepaidAccount** : *Specific prepaid account for companies or professionals expenses.*- **ELMY: ElectronicMoneyAccount** : *Account supporting e-money issued by an electronic money issuer.*- **GIFT: GiftCard** : *Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.*- **GCER: GiftCertificate** : *Certificate to be given to a customer. Usually one shot voucher.*- **MLVC: MealVoucher** : *Meal and check voucher for restaurants.*- **OLVC: OnlineVoucher** : *Voucher that can be used online once or in several times.*- **MERC: MerchantAccount** : *Prepaid account open with a merchant or big retailers.*- **OTHR: OtherPrepaidAccount** : *Other non listed stored value instrument.*- **PHON: PhoneCard** : *Stored value instrument used to pay telephone services (e.g. card or identifier).*- **CARD: SmartCardTag** : *Stored value account hold on the chip of a smart card.* - **TRVL: Travel** : *Travel prepaid account.::StoredValueAccountType1Code*<br/>Type of stored value account.<br/>- <b>BNKA: BankPrepaidAccount</b> : <i>Prepaid account managed by a financial institution for low income customers.</i><br/>- <b>CWVC: CarwashVoucher</b> : <i>Car wash specific account.</i><br/>- <b>CPYA: CompanyPrepaidAccount</b> : <i>Specific prepaid account for companies or professionals expenses.</i><br/>- <b>ELMY: ElectronicMoneyAccount</b> : <i>Account supporting e-money issued by an electronic money issuer.</i><br/>- <b>GIFT: GiftCard</b> : <i>Payment mean issued by retailers or banks as a substitute to a non-monetary gift. Usually, this Stored Value item is used only once.</i><br/>- <b>GCER: GiftCertificate</b> : <i>Certificate to be given to a customer. Usually one shot voucher.</i><br/>- <b>MLVC: MealVoucher</b> : <i>Meal and check voucher for restaurants.</i><br/>- <b>OLVC: OnlineVoucher</b> : <i>Voucher that can be used online once or in several times.</i><br/>- <b>MERC: MerchantAccount</b> : <i>Prepaid account open with a merchant or big retailers.</i><br/>- <b>OTHR: OtherPrepaidAccount</b> : <i>Other non listed stored value instrument.</i><br/>- <b>PHON: PhoneCard</b> : <i>Stored value instrument used to pay telephone services (e.g. card or identifier).</i><br/>- <b>CARD: SmartCardTag</b> : <i>Stored value account hold on the chip of a smart card. </i><br/>- <b>TRVL: Travel</b> : <i>Travel prepaid account.</i><br/>*<AcctTp>::StoredValueAccountType1Code* |
| 2 | IdentificationType | [0..1] |  |  | <Type of account identification.- **ACCT: AccountNumber** : *Account identification.*- **BARC: BarCode** : *Bar-code with a specific form of identification.*- **ISO2: ISOTrack2** : *ISO Track 2 including identification.*- **PHON: PhoneNumber** : *A phone number identifies the account on which the phone card is assigned.*- **CPAN: PrimaryAccountNumber** : *Standard card identification (card number).*- **PRIV: PrivativeNumbering** : *An identification set by a privative application.*- **UUID: UniversalUniqueIdentification** : *A Universal Unique Identification code is set for identification.::CardIdentificationType1Code*<br/>Type of account identification.<br/>- <b>ACCT: AccountNumber</b> : <i>Account identification.</i><br/>- <b>BARC: BarCode</b> : <i>Bar-code with a specific form of identification.</i><br/>- <b>ISO2: ISOTrack2</b> : <i>ISO Track 2 including identification.</i><br/>- <b>PHON: PhoneNumber</b> : <i>A phone number identifies the account on which the phone card is assigned.</i><br/>- <b>CPAN: PrimaryAccountNumber</b> : <i>Standard card identification (card number).</i><br/>- <b>PRIV: PrivativeNumbering</b> : <i>An identification set by a privative application.</i><br/>- <b>UUID: UniversalUniqueIdentification</b> : <i>A Universal Unique Identification code is set for identification.</i><br/>*<IdTp>::CardIdentificationType1Code* |
| 2 | Identification | [0..1] | Config |  | T*::Max35Text*This identifier can be used as a way for a merchant to group a set of POI transactions for reconciliation. <br/>*<Id>::Max35Text* |
| 2 | Brand | [0..1] | Appli |  | B*::Max35Text*Brand name of the card or the scheme. <br/>*<Brnd>::Max35Text* |
| 2 | Provider | [0..1] |  |  | <*::Max35Text<Prvdr>::Max35Text* |
| 2 | OwnerName | [0..1] |  |  | <*::Max45Text<OwnrNm>::Max45Text* |
| 2 | ExpiryDate | [0..1] |  |  | <*::Max10Text<XpryDt>::Max10Text* |
| 2 | EntryMode | [0..1] |  |  | <Type of reading of the card data.- **TAGC: Tag** : *Tag reading capabilities (RFID, etc.).*- **PHYS: Physical** : *Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.*- **BRCD: BarCode** : *Bar code.*- **MGST: MagneticStripe** : *Magnetic stripe.*- **CICC: ICC** : *ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.*- **DFLE: AccountData** : *Account data on file.*- **CTLS: ProximityReader** : *Contactless proximity reader.*- **ECTL: EMVProximityReader** : *Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).*- **CDFL: CardOnFile** : *Card information are stored on a file.*- **SICC: SynchronousIntegratedCircuitCard** : *Synchronous ICC - (Integrated Circuit Card) with contact.*- **UNKW: Unknown** : *Unknown card reading capability.*- **QRCD: QRCode** : *Quick response code.*- **OPTC: OpticalCode** : *Optical coded reading capabilities (e.g. barcode, QR code, etc.)::CardDataReading8Code*<br/>Type of reading of the card data.<br/>- <b>TAGC: Tag</b> : <i>Tag reading capabilities (RFID, etc.).</i><br/>- <b>PHYS: Physical</b> : <i>Keyboard entry or OCR reading of embossing or printed data, either at time of transaction or after the event.</i><br/>- <b>BRCD: BarCode</b> : <i>Bar code.</i><br/>- <b>MGST: MagneticStripe</b> : <i>Magnetic stripe.</i><br/>- <b>CICC: ICC</b> : <i>ICC (Integrated Circuit Card) with contact containing software applications conform to ISO 7816.</i><br/>- <b>DFLE: AccountData</b> : <i>Account data on file.</i><br/>- <b>CTLS: ProximityReader</b> : <i>Contactless proximity reader.</i><br/>- <b>ECTL: EMVProximityReader</b> : <i>Contactless proximity reader, with application conform to the standard EMV (standard initiated by Europay, Mastercard and Visa).</i><br/>- <b>CDFL: CardOnFile</b> : <i>Card information are stored on a file.</i><br/>- <b>SICC: SynchronousIntegratedCircuitCard</b> : <i>Synchronous ICC - (Integrated Circuit Card) with contact.</i><br/>- <b>UNKW: Unknown</b> : <i>Unknown card reading capability.</i><br/>- <b>QRCD: QRCode</b> : <i>Quick response code.</i><br/>- <b>OPTC: OpticalCode</b> : <i>Optical coded reading capabilities (e.g. barcode, QR code, etc.)</i><br/>*<NtryMd>::CardDataReading8Code* |
| 2 | Currency | [0..1] |  |  | <*::ActiveCurrencyCode<Ccy>::ActiveCurrencyCode* |
| 2 | Balance | [0..1] |  |  | <*::ImpliedCurrencyAndAmount<Bal>::ImpliedCurrencyAndAmount* |
| 1 | LoyaltyAccount | [0..\*] |  |  | <See MDR for sub elements and [LoyaltyAccount3](#LoyaltyAccount3)*::LoyaltyAccount3*<br>See MDR for sub elements and <a href="#LoyaltyAccount3">LoyaltyAccount3</a><br/>*<LltyAcct>::LoyaltyAccount3* |
| 1 | CustomerDevice | [0..1] |  |  | DSee MDR for sub elements and [CustomerDevice3](#CustomerDevice3)*::CustomerDevice3*Device used by the customer to perform the payment transaction <br>See MDR for sub elements and <a href="#CustomerDevice3">CustomerDevice3</a><br/>*<CstmrDvc>::CustomerDevice3* |
| 1 | Wallet | [0..1] |  |  | CSee MDR for sub elements and [CustomerDevice3](#CustomerDevice3)*::CustomerDevice3*Container for tenders used by thecustomer to perform the paymen ttransaction. <br>See MDR for sub elements and <a href="#CustomerDevice3">CustomerDevice3</a><br/>*<Wllt>::CustomerDevice3* |
| 1 | PaymentToken | [0..1] |  |  | See MDR for sub elements and [Token1](#Token1)*::Token1* <br>See MDR for sub elements and <a href="#Token1">Token1</a><br/>*<PmtTkn>::Token1* |
| 1 | MerchantToken | [0..1] |  |  | See MDR for sub elements and [MerchantToken2](#MerchantToken2)*::MerchantToken2* <br>See MDR for sub elements and <a href="#MerchantToken2">MerchantToken2</a><br/>*<MrchntTkn>::MerchantToken2* |
| 1 | Cardholder | [0..1] |  |  | <*::Cardholder20<Crdhldr>::Cardholder20* |
| 2 | Identification | [0..1] | Appli |  | F*::PersonIdentification15*For verification of the Cardholder identity. A Cardholder may be identified by more than one identification method. <br/>*<Id>::PersonIdentification15* |
| 3 | DriverLicenseNumber | [0..1] |  |  | <*::Max35Text<DrvrLicNb>::Max35Text* |
| 3 | DriverLicenseLocation | [0..1] |  |  | <*::Max35Text<DrvrLicLctn>::Max35Text* |
| 3 | DriverLicenseName | [0..1] |  |  | <*::Max35Text<DrvrLicNm>::Max35Text* |
| 3 | DriverIdentification | [0..1] |  |  | <*::Max35Text<DrvrId>::Max35Text* |
| 3 | CustomerNumber | [0..1] |  |  | <*::Max35Text<CstmrNb>::Max35Text* |
| 3 | SocialSecurityNumber | [0..1] |  |  | <*::Max35Text<SclSctyNb>::Max35Text* |
| 3 | AlienRegistrationNumber | [0..1] |  |  | <*::Max35Text<AlnRegnNb>::Max35Text* |
| 3 | PassportNumber | [0..1] |  |  | <*::Max35Text<PsptNb>::Max35Text* |
| 3 | TaxIdentificationNumber | [0..1] |  |  | <*::Max35Text<TaxIdNb>::Max35Text* |
| 3 | IdentityCardNumber | [0..1] |  |  | <*::Max35Text<IdntyCardNb>::Max35Text* |
| 3 | EmployerIdentificationNumber | [0..1] |  |  | <*::Max35Text<MplyrIdNb>::Max35Text* |
| 3 | EmployeeIdentificationNumber | [0..1] |  |  | <*::Max35Text<MplyeeIdNb>::Max35Text* |
| 3 | JobNumber | [0..1] |  |  | <*::Max35Text<JobNb>::Max35Text* |
| 3 | Department | [0..1] |  |  | <*::Max35Text<Dept>::Max35Text* |
| 3 | EmailAddress | [0..1] |  |  | <*::Max256Text<EmailAdr>::Max256Text* |
| 3 | DateAndPlaceOfBirth | [0..1] |  |  | <*::DateAndPlaceOfBirth1<DtAndPlcOfBirth>::DateAndPlaceOfBirth1* |
| 4 | BirthDate | [1..1] |  |  | <*::ISODate<BirthDt>::ISODate* |
| 4 | ProvinceOfBirth | [0..1] |  |  | <*::Max35Text<PrvcOfBirth>::Max35Text* |
| 4 | CityOfBirth | [1..1] |  |  | <*::Max35Text<CityOfBirth>::Max35Text* |
| 4 | CountryOfBirth | [1..1] |  |  | <*::CountryCode<CtryOfBirth>::CountryCode* |
| 3 | Other | [0..\*] |  |  | See MDR for sub elements and [GenericIdentification4](#GenericIdentification4)*::GenericIdentification4* <br>See MDR for sub elements and <a href="#GenericIdentification4">GenericIdentification4</a><br/>*<Othr>::GenericIdentification4* |
| 2 | Name | [0..1] |  |  | <*::Max45Text<Nm>::Max45Text* |
| 2 | Language | [0..1] |  |  | <*::LanguageCode<Lang>::LanguageCode* |
| 2 | BillingAddress | [0..1] |  |  | See MDR for sub elements and [PostalAddress22](#PostalAddress22)*::PostalAddress22* <br>See MDR for sub elements and <a href="#PostalAddress22">PostalAddress22</a><br/>*<BllgAdr>::PostalAddress22* |
| 2 | ShippingAddress | [0..1] |  |  | See MDR for sub elements and [PostalAddress22](#PostalAddress22)*::PostalAddress22* <br>See MDR for sub elements and <a href="#PostalAddress22">PostalAddress22</a><br/>*<ShppgAdr>::PostalAddress22* |
| 2 | TripNumber | [0..1] |  |  | <*::Max35Text<TripNb>::Max35Text* |
| 2 | Vehicle | [0..1] |  |  | See MDR for sub elements and [Vehicle1](#Vehicle1)*::Vehicle1* <br>See MDR for sub elements and <a href="#Vehicle1">Vehicle1</a><br/>*<Vhcl>::Vehicle1* |
| 2 | Authentication | [0..\*] | Appli |  | <*::CardholderAuthentication16<Authntcn>::CardholderAuthentication16* |
| 3 | AuthenticationMethod | [0..1] |  | C2, C3 | MMethod to authenticate the customer or its card.- **TOKA: AuthenticationToken** : *A token is used to verify an already performed authentication.*- **ADDB: BillingAddressVerification** : *Cardholder billing address verification.*- **BYPS: Bypass** : *Authentication bypassed by the merchant.*- **BIOM: Biometry** : *Biometric authentication of the cardholder.*- **CDHI: CardholderIdentificationData** : *Cardholder data provided for verification, for instance social security number, driver license number, passport number.*- **CRYP: CryptogramVerification** : *Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).*- **CSCV: CSCVerification** : *Verification of Card Security Code.*- **MANU: ManualVerification** : *Manual verification, for example passport or drivers license.*- **MERC: MerchantAuthentication** : *Merchant-related authentication.*- **MOBL: Mobile** : *Customer mobile device.*- **FPIN: OfflinePIN** : *Off-line PIN authentication (Personal Identification Number).*- **NPIN: OnLinePIN** : *On-line PIN authentication (Personal Identification Number).*- **OTHR: Other** : *Other customer authentication.*- **PPSG: PaperSignature** : *Handwritten paper signature.*- **PSVE: PassiveAuthentication** : *Authentication based on statistical cardholder behaviour.*- **PSWD: Password** : *Authentication by a password.*- **TOKP: PaymentToken** : *Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.*- **SCRT: SecureCertificate** : *Electronic commerce transaction secured with the X.509 certificate of a customer.*- **SCNL: SecuredChannel** : *Channel-encrypted transaction.*- **CSEC: SecureElectronicCommerce** : *Authentication performed during a secure electronic commerce transaction.*- **SNCT: SecureNoCertificate** : *Secure electronic transaction without cardholder certificate.*- **ADDS: ShippingAddressVerification** : *Cardholder shipping address verification.*- **CPSG: SignatureCapture** : *Electronic signature capture (handwritten signature).*- **TOKN: TokenAuthentication** : *Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.*- **UKNW: UnknownMethod** : *Authentication method is performed unknown.::AuthenticationMethod8Code*Method used to authenticate the cardholder: <br/><br/>Method to authenticate the customer or its card.<br/>- <b>TOKA: AuthenticationToken</b> : <i>A token is used to verify an already performed authentication.</i><br/>- <b>ADDB: BillingAddressVerification</b> : <i>Cardholder billing address verification.</i><br/>- <b>BYPS: Bypass</b> : <i>Authentication bypassed by the merchant.</i><br/>- <b>BIOM: Biometry</b> : <i>Biometric authentication of the cardholder.</i><br/>- <b>CDHI: CardholderIdentificationData</b> : <i>Cardholder data provided for verification, for instance social security number, driver license number, passport number.</i><br/>- <b>CRYP: CryptogramVerification</b> : <i>Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).</i><br/>- <b>CSCV: CSCVerification</b> : <i>Verification of Card Security Code.</i><br/>- <b>MANU: ManualVerification</b> : <i>Manual verification, for example passport or drivers license.</i><br/>- <b>MERC: MerchantAuthentication</b> : <i>Merchant-related authentication.</i><br/>- <b>MOBL: Mobile</b> : <i>Customer mobile device.</i><br/>- <b>FPIN: OfflinePIN</b> : <i>Off-line PIN authentication (Personal Identification Number).</i><br/>- <b>NPIN: OnLinePIN</b> : <i>On-line PIN authentication (Personal Identification Number).</i><br/>- <b>OTHR: Other</b> : <i>Other customer authentication.</i><br/>- <b>PPSG: PaperSignature</b> : <i>Handwritten paper signature.</i><br/>- <b>PSVE: PassiveAuthentication</b> : <i>Authentication based on statistical cardholder behaviour.</i><br/>- <b>PSWD: Password</b> : <i>Authentication by a password.</i><br/>- <b>TOKP: PaymentToken</b> : <i>Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.</i><br/>- <b>SCRT: SecureCertificate</b> : <i>Electronic commerce transaction secured with the X.509 certificate of a customer.</i><br/>- <b>SCNL: SecuredChannel</b> : <i>Channel-encrypted transaction.</i><br/>- <b>CSEC: SecureElectronicCommerce</b> : <i>Authentication performed during a secure electronic commerce transaction.</i><br/>- <b>SNCT: SecureNoCertificate</b> : <i>Secure electronic transaction without cardholder certificate.</i><br/>- <b>ADDS: ShippingAddressVerification</b> : <i>Cardholder shipping address verification.</i><br/>- <b>CPSG: SignatureCapture</b> : <i>Electronic signature capture (handwritten signature).</i><br/>- <b>TOKN: TokenAuthentication</b> : <i>Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.</i><br/>- <b>UKNW: UnknownMethod</b> : <i>Authentication method is performed unknown.</i><br/>*<AuthntcnMtd>::AuthenticationMethod8Code* |
| 3 | AuthenticationExemption | [0..1] |  |  | NStrong customer authentication exemption.- **LOWA: LowAmountExemption** : *Transaction's amount is low and could be processed without strong customer authentication.*- **MINT: MerchantInitiatedTransaction** : *Transaction is initiated by the Card Acceptor.*- **RECP: RecurringPayment** : *Transaction is one of a series of recurring payment.*- **SCPE: SecureCorporatePaymentExemption** : *Transaction is a secure corporate payment.*- **SCAD: StrongCustomerAuthenticationDelegation** : *Card Acceptor is a strong customer authentication delegate.*- **TRAE: TransactionRiskAnalysisExemption** : *According to the transaction risk analysis the strong customer authentication is not mandated.*- **PKGE: TransportFareOrParkingFeeUnattendedPaymentExemption** : *Payment is processed in a environment where strong customer authentication is inappropriate.*- **TMBE: TrustedMerchantBeneficiaryExemption** : *Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.::Exemption1Code*NOT APPLICABLE Strong customer authentication exemption <br/><br/>Strong customer authentication exemption.<br/>- <b>LOWA: LowAmountExemption</b> : <i>Transaction's amount is low and could be processed without strong customer authentication.</i><br/>- <b>MINT: MerchantInitiatedTransaction</b> : <i>Transaction is initiated by the Card Acceptor.</i><br/>- <b>RECP: RecurringPayment</b> : <i>Transaction is one of a series of recurring payment.</i><br/>- <b>SCPE: SecureCorporatePaymentExemption</b> : <i>Transaction is a secure corporate payment.</i><br/>- <b>SCAD: StrongCustomerAuthenticationDelegation</b> : <i>Card Acceptor is a strong customer authentication delegate.</i><br/>- <b>TRAE: TransactionRiskAnalysisExemption</b> : <i>According to the transaction risk analysis the strong customer authentication is not mandated.</i><br/>- <b>PKGE: TransportFareOrParkingFeeUnattendedPaymentExemption</b> : <i>Payment is processed in a environment where strong customer authentication is inappropriate.</i><br/>- <b>TMBE: TrustedMerchantBeneficiaryExemption</b> : <i>Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.</i><br/>*<AuthntcnXmptn>::Exemption1Code* |
| 3 | AuthenticationValue | [0..1] |  | C2 | P*::Max5000Binary*Present if AuthenticationMethod="SecureCertificate" or "SecureNoCertificate" (e.g., Visa Cardholder Authentication Verification Value (CVV) or Mastercard Accountholder Authentication Value (AVV). <br/>*<AuthntcnVal>::Max5000Binary* |
| 3 | ProtectedAuthenticationValue | [0..1] |  |  | See MDR for sub elements and [ContentInformationType35](#ContentInformationType35)*::ContentInformationType35* <br>See MDR for sub elements and <a href="#ContentInformationType35">ContentInformationType35</a><br/>*<PrtctdAuthntcnVal>::ContentInformationType35* |
| 3 | CardholderOnLinePIN | [0..1] |  | C3 | <*::OnLinePIN10<CrdhldrOnLinePIN>::OnLinePIN10* |
| 4 | EncryptedPINBlock | [1..1] |  |  | See MDR for sub elements and [ContentInformationType35](#ContentInformationType35)*::ContentInformationType35* <br>See MDR for sub elements and <a href="#ContentInformationType35">ContentInformationType35</a><br/>*<NcrptdPINBlck>::ContentInformationType35* |
| 4 | PINFormat | [1..1] |  |  | <PIN (Personal Identification Number) format used before encryption.- **ISO0: ISO0** : *PIN diversified with the card account number, conforming to the standard ISO 9564-2.*- **ISO1: ISO1** : *PIN completed with random padding characters, conforming to the standard ISO 9564-2.*- **ISO2: ISO2** : *PIN without diversification characters, conforming to the standard ISO 9564-2.*- **ISO3: ISO3** : *PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.*- **ISO4: ISO4** : *PIN format used with AES encryption, conforming to the new ISO SC2 format.*- **ISO5: ISO5** : *Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.::PINFormat3Code*<br/>PIN (Personal Identification Number) format used before encryption.<br/>- <b>ISO0: ISO0</b> : <i>PIN diversified with the card account number, conforming to the standard ISO 9564-2.</i><br/>- <b>ISO1: ISO1</b> : <i>PIN completed with random padding characters, conforming to the standard ISO 9564-2.</i><br/>- <b>ISO2: ISO2</b> : <i>PIN without diversification characters, conforming to the standard ISO 9564-2.</i><br/>- <b>ISO3: ISO3</b> : <i>PIN diversified with the card account number and random characters, conforming to the standard ISO 9564-2.</i><br/>- <b>ISO4: ISO4</b> : <i>PIN format used with AES encryption, conforming to the new ISO SC2 format.</i><br/>- <b>ISO5: ISO5</b> : <i>Alternative PIN format used with AES encryption, conforming to the new ISO SC2 format.</i><br/>*<PINFrmt>::PINFormat3Code* |
| 4 | AdditionalInput | [0..1] |  |  | A*::Max35Text*Additional information required for the PIN verification, (e.g. the drivernumber for some fleet cards). <br/>*<AddtlInpt>::Max35Text* |
| 3 | CardholderIdentification | [0..1] |  |  | <*::PersonIdentification15<CrdhldrId>::PersonIdentification15* |
| 4 | DriverLicenseNumber | [0..1] |  |  | <*::Max35Text<DrvrLicNb>::Max35Text* |
| 4 | DriverLicenseLocation | [0..1] |  |  | <*::Max35Text<DrvrLicLctn>::Max35Text* |
| 4 | DriverLicenseName | [0..1] |  |  | <*::Max35Text<DrvrLicNm>::Max35Text* |
| 4 | DriverIdentification | [0..1] |  |  | <*::Max35Text<DrvrId>::Max35Text* |
| 4 | CustomerNumber | [0..1] |  |  | <*::Max35Text<CstmrNb>::Max35Text* |
| 4 | SocialSecurityNumber | [0..1] |  |  | <*::Max35Text<SclSctyNb>::Max35Text* |
| 4 | AlienRegistrationNumber | [0..1] |  |  | <*::Max35Text<AlnRegnNb>::Max35Text* |
| 4 | PassportNumber | [0..1] |  |  | <*::Max35Text<PsptNb>::Max35Text* |
| 4 | TaxIdentificationNumber | [0..1] |  |  | <*::Max35Text<TaxIdNb>::Max35Text* |
| 4 | IdentityCardNumber | [0..1] |  |  | <*::Max35Text<IdntyCardNb>::Max35Text* |
| 4 | EmployerIdentificationNumber | [0..1] |  |  | <*::Max35Text<MplyrIdNb>::Max35Text* |
| 4 | EmployeeIdentificationNumber | [0..1] |  |  | <*::Max35Text<MplyeeIdNb>::Max35Text* |
| 4 | JobNumber | [0..1] |  |  | <*::Max35Text<JobNb>::Max35Text* |
| 4 | Department | [0..1] |  |  | <*::Max35Text<Dept>::Max35Text* |
| 4 | EmailAddress | [0..1] |  |  | <*::Max256Text<EmailAdr>::Max256Text* |
| 4 | DateAndPlaceOfBirth | [0..1] |  |  | <*::DateAndPlaceOfBirth1<DtAndPlcOfBirth>::DateAndPlaceOfBirth1* |
| 5 | BirthDate | [1..1] |  |  | <*::ISODate<BirthDt>::ISODate* |
| 5 | ProvinceOfBirth | [0..1] |  |  | <*::Max35Text<PrvcOfBirth>::Max35Text* |
| 5 | CityOfBirth | [1..1] |  |  | <*::Max35Text<CityOfBirth>::Max35Text* |
| 5 | CountryOfBirth | [1..1] |  |  | <*::CountryCode<CtryOfBirth>::CountryCode* |
| 4 | Other | [0..\*] |  |  | See MDR for sub elements and [GenericIdentification4](#GenericIdentification4)*::GenericIdentification4* <br>See MDR for sub elements and <a href="#GenericIdentification4">GenericIdentification4</a><br/>*<Othr>::GenericIdentification4* |
| 3 | AddressVerification | [0..1] |  |  | F*::AddressVerification1*For verifying the cardholder's billingaddress. <br/>*<AdrVrfctn>::AddressVerification1* |
| 4 | AddressDigits | [0..1] |  |  | N*::Max5NumericText*Numerics from the cardholder's address excluding the postal code (i.e., house number). <br/>*<AdrDgts>::Max5NumericText* |
| 4 | PostalCodeDigits | [0..1] |  |  | N*::Max5NumericText*Numerics from the cardholder's postalcode. <br/>*<PstlCdDgts>::Max5NumericText* |
| 3 | AuthenticationType | [0..1] |  |  | T*::Max35Text*Type of authentication for a given method - e.g., three-domain authentication, scheme-proprietary authentication, etc. <br/>*<AuthntcnTp>::Max35Text* |
| 3 | AuthenticationLevel | [0..1] |  |  | L*::Max35Text*Level of authentication for a given type– e.g., value assigned by scheme rules or by bilateral agreements <br/>*<AuthntcnLvl>::Max35Text* |
| 3 | AuthenticationResult | [0..1] |  |  | RSpecifies the result of authentication done.- **DENY: Denial** : *The authentication didn’t succeed.*- **MRCH: MerchantNotEnroled** : *Merchant not enrolled in the authentication programme.*- **CARD: NonParticipation** : *The card does not participate in the authentication programme.*- **AUTH: UnableToAuthenticate** : *The authentication couldn’t be carried out.*- **CRPT: WithCryptogram** : *Authentication succeeded with a cryptogram.*- **UCRP: WithoutCryptogram** : *Authentication succeeded without a cryptogram.::AuthenticationResult1Code*Result of authentication <br/><br/>Specifies the result of authentication done.<br/>- <b>DENY: Denial</b> : <i>The authentication didn’t succeed.</i><br/>- <b>MRCH: MerchantNotEnroled</b> : <i>Merchant not enrolled in the authentication programme.</i><br/>- <b>CARD: NonParticipation</b> : <i>The card does not participate in the authentication programme.</i><br/>- <b>AUTH: UnableToAuthenticate</b> : <i>The authentication couldn’t be carried out.</i><br/>- <b>CRPT: WithCryptogram</b> : <i>Authentication succeeded with a cryptogram.</i><br/>- <b>UCRP: WithoutCryptogram</b> : <i>Authentication succeeded without a cryptogram.</i><br/>*<AuthntcnRslt>::AuthenticationResult1Code* |
| 3 | AuthenticationAdditionalInformation | [0..1] |  |  | <*::ExternallyDefinedData4<AuthntcnAddtlInf>::ExternallyDefinedData4* |
| 4 | Identification | [1..1] |  |  | I*::Max1025Text*Identification of the set of data to exchange <br/>*<Id>::Max1025Text* |
| 4 | Value | [0..1] |  |  | D*::Max100KBinary*Data to exchange according to an external standard <br/>*<Val>::Max100KBinary* |
| 4 | ProtectedValue | [0..1] |  |  | See MDR for sub elements and [ContentInformationType34](#ContentInformationType34)*::ContentInformationType34* <br>See MDR for sub elements and <a href="#ContentInformationType34">ContentInformationType34</a><br/>*<PrtctdVal>::ContentInformationType34* |
| 4 | Type | [0..1] |  |  | <*::Max1025Text<Tp>::Max1025Text* |
| 2 | TransactionVerificationResult | [0..\*] |  |  | R*::TransactionVerificationResult4*Result of performed verifications forthe transaction. Several methods mayhave been used for verification <br/>*<TxVrfctnRslt>::TransactionVerificationResult4* |
| 3 | Method | [1..1] |  | C2, C3 | <Methods used to authenticate a person or a card.- **NPIN: OnLinePIN** : *On-line PIN authentication (Personal Identification Number).*- **PPSG: PaperSignature** : *Handwritten paper signature.*- **PSWD: Password** : *Authentication by a password.*- **SCRT: SecureCertificate** : *Electronic commerce transaction secured with the X.509 certificate of a customer.*- **SCNL: SecuredChannel** : *Channel-encrypted transaction.*- **SNCT: SecureNoCertificate** : *Secure electronic transaction without cardholder certificate.*- **CPSG: SignatureCapture** : *Electronic signature capture (handwritten signature).*- **ADDB: BillingAddressVerification** : *Cardholder billing address verification.*- **BIOM: Biometry** : *Biometric authentication of the cardholder.*- **CDHI: CardholderIdentificationData** : *Cardholder data provided for verification, for instance social security number, driver license number, passport number.*- **CRYP: CryptogramVerification** : *Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).*- **CSCV: CSCVerification** : *Verification of Card Security Code.*- **PSVE: PassiveAuthentication** : *Authentication based on statistical cardholder behaviour.*- **CSEC: SecureElectronicCommerce** : *Authentication performed during a secure electronic commerce transaction.*- **ADDS: ShippingAddressVerification** : *Cardholder shipping address verification.*- **MANU: ManualVerification** : *Manual verification, for example passport or drivers license.*- **FPIN: OfflinePIN** : *Off-line PIN authentication (Personal Identification Number).*- **TOKP: PaymentToken** : *Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.::AuthenticationMethod6Code*<br/>Methods used to authenticate a person or a card.<br/>- <b>NPIN: OnLinePIN</b> : <i>On-line PIN authentication (Personal Identification Number).</i><br/>- <b>PPSG: PaperSignature</b> : <i>Handwritten paper signature.</i><br/>- <b>PSWD: Password</b> : <i>Authentication by a password.</i><br/>- <b>SCRT: SecureCertificate</b> : <i>Electronic commerce transaction secured with the X.509 certificate of a customer.</i><br/>- <b>SCNL: SecuredChannel</b> : <i>Channel-encrypted transaction.</i><br/>- <b>SNCT: SecureNoCertificate</b> : <i>Secure electronic transaction without cardholder certificate.</i><br/>- <b>CPSG: SignatureCapture</b> : <i>Electronic signature capture (handwritten signature).</i><br/>- <b>ADDB: BillingAddressVerification</b> : <i>Cardholder billing address verification.</i><br/>- <b>BIOM: Biometry</b> : <i>Biometric authentication of the cardholder.</i><br/>- <b>CDHI: CardholderIdentificationData</b> : <i>Cardholder data provided for verification, for instance social security number, driver license number, passport number.</i><br/>- <b>CRYP: CryptogramVerification</b> : <i>Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).</i><br/>- <b>CSCV: CSCVerification</b> : <i>Verification of Card Security Code.</i><br/>- <b>PSVE: PassiveAuthentication</b> : <i>Authentication based on statistical cardholder behaviour.</i><br/>- <b>CSEC: SecureElectronicCommerce</b> : <i>Authentication performed during a secure electronic commerce transaction.</i><br/>- <b>ADDS: ShippingAddressVerification</b> : <i>Cardholder shipping address verification.</i><br/>- <b>MANU: ManualVerification</b> : <i>Manual verification, for example passport or drivers license.</i><br/>- <b>FPIN: OfflinePIN</b> : <i>Off-line PIN authentication (Personal Identification Number).</i><br/>- <b>TOKP: PaymentToken</b> : <i>Verification or authentication related to the use of a payment token, for instance the validation of the authorised use of a token.</i><br/>*<Mtd>::AuthenticationMethod6Code* |
| 3 | VerificationEntity | [0..1] |  |  | EEntity or device that has performed the verification.- **ICCD: ICC** : *Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.*- **AGNT: AuthorisedAgent** : *Authorisation agent of the issuer.*- **MERC: Merchant** : *Merchant (for example signature verification by the attendant).*- **ACQR: Acquirer** : *Acquirer of the transaction.*- **ISSR: Issuer** : *Card issuer.*- **TRML: Terminal** : *Secure application in the terminal.::AuthenticationEntity2Code*Entity or device that has performed the verification <br/><br/>Entity or device that has performed the verification.<br/>- <b>ICCD: ICC</b> : <i>Application in the chip card (Integrated Circuit Card), for instance an offline PIN verification.</i><br/>- <b>AGNT: AuthorisedAgent</b> : <i>Authorisation agent of the issuer.</i><br/>- <b>MERC: Merchant</b> : <i>Merchant (for example signature verification by the attendant).</i><br/>- <b>ACQR: Acquirer</b> : <i>Acquirer of the transaction.</i><br/>- <b>ISSR: Issuer</b> : <i>Card issuer.</i><br/>- <b>TRML: Terminal</b> : <i>Secure application in the terminal.</i><br/>*<VrfctnNtty>::AuthenticationEntity2Code* |
| 3 | Result | [0..1] |  |  | <Result of the verification.- **FAIL: Failed** : *Verification failed.*- **MISS: Missing** : *Information required to perform the verification was missing.*- **NOVF: NotPerformed** : *Verification has not been performed.*- **PART: PartialMatch** : *Verification was partially successful.*- **SUCC: Successful** : *Verification was successful.*- **ERRR: TechnicalError** : *Device or entity to perform the verification was unavailable.::Verification1Code*<br/>Result of the verification.<br/>- <b>FAIL: Failed</b> : <i>Verification failed.</i><br/>- <b>MISS: Missing</b> : <i>Information required to perform the verification was missing.</i><br/>- <b>NOVF: NotPerformed</b> : <i>Verification has not been performed.</i><br/>- <b>PART: PartialMatch</b> : <i>Verification was partially successful.</i><br/>- <b>SUCC: Successful</b> : <i>Verification was successful.</i><br/>- <b>ERRR: TechnicalError</b> : <i>Device or entity to perform the verification was unavailable.</i><br/>*<Rslt>::Verification1Code* |
| 3 | AdditionalResult | [0..1] |  |  | A*::Max500Text*Additional result of the verification <br/>*<AddtlRslt>::Max500Text* |
| 2 | PersonalData | [0..1] |  |  | N*::Max70Text*Not to be used for cardholderidentification or authentication. <br/>*<PrsnlData>::Max70Text* |
| 2 | MobileData | [0..\*] |  |  | <*::MobileData5<MobData>::MobileData5* |
| 3 | MobileCountryCode | [0..1] |  |  | <*::Min2Max3AlphaText<MobCtryCd>::Min2Max3AlphaText* |
| 3 | MobileNetworkCode | [0..1] |  |  | <*::Min2Max3NumericText<MobNtwkCd>::Min2Max3NumericText* |
| 3 | MobileMaskedMSISDN | [0..1] |  |  | <*::Max35Text<MobMskdMSISDN>::Max35Text* |
| 3 | Geolocation | [0..1] |  |  | <*::Geolocation1<Glctn>::Geolocation1* |
| 4 | GeographicCoordinates | [0..1] |  |  | <*::GeolocationGeographicCoordinates1<GeogcCordints>::GeolocationGeographicCoordinates1* |
| 5 | Latitude | [1..1] |  |  | <*::Max35Text<Lat>::Max35Text* |
| 5 | Longitude | [1..1] |  |  | <*::Max35Text<Long>::Max35Text* |
| 4 | UTMCoordinates | [0..1] |  |  | <*::GeolocationUTMCoordinates1<UTMCordints>::GeolocationUTMCoordinates1* |
| 5 | UTMZone | [1..1] |  |  | <*::Max35Text<UTMZone>::Max35Text* |
| 5 | UTMEastward | [1..1] |  |  | <*::Max35Text<UTMEstwrd>::Max35Text* |
| 5 | UTMNorthward | [1..1] |  |  | <*::Max35Text<UTMNrthwrd>::Max35Text* |
| 3 | SensitiveMobileData | [0..1] |  |  | <*::SensitiveMobileData1<SnstvMobData>::SensitiveMobileData1* |
| 4 | MSISDN | [1..1] |  |  | <*::Max35NumericText<MSISDN>::Max35NumericText* |
| 4 | IMSI | [0..1] |  |  | <*::Max35NumericText<IMSI>::Max35NumericText* |
| 4 | IMEI | [0..1] |  |  | <*::Max35NumericText<IMEI>::Max35NumericText* |
| 3 | ProtectedMobileData | [0..1] |  |  | See MDR for sub elements and [ContentInformationType35](#ContentInformationType35)*::ContentInformationType35* <br>See MDR for sub elements and <a href="#ContentInformationType35">ContentInformationType35</a><br/>*<PrtctdMobData>::ContentInformationType35* |
| 1 | ProtectedCardholderData | [0..1] |  |  | See MDR for sub elements and [ContentInformationType35](#ContentInformationType35)*::ContentInformationType35* <br>See MDR for sub elements and <a href="#ContentInformationType35">ContentInformationType35</a><br/>*<PrtctdCrdhldrData>::ContentInformationType35* |
| 1 | SaleEnvironment | [0..1] |  |  | <*::RetailerSaleEnvironment2<SaleEnvt>::RetailerSaleEnvironment2* |
| 2 | SaleCapabilities | [0..\*] |  |  | <Hardware capabilities of the Sale Terminal.- **CHDI: CashierDisplay** : *Standard Cashier display interface (to ask question, or to show information).* - **CHER: CashierError** : *To display to the Cashier information related to an error situation occurring on the POI.*- **CHIN: CashierInput** : *Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.*- **CHST: CashierStatus** : *To display to the Cashier a new state on which the POI is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.*- **CUDI: CustomerDisplay** : *Standard Customer display interface used by the POI System to ask question, or to show information to the Customer inside a Service dialogue.*- **CUAS: CustomerAssistance** : *Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.*- **CUER: CustomerError** : *To display to the Customer information is related to an error situation occurring on the Sale Terminal during a Sale transaction.*- **CUIN: CustomerInput** : *Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element).*- **POIR: POIReplication** : *Information displayed on the Cardholder POI interface, replicated on the Cashier interface.*- **PRDC: PrinterDocument** : *When the POI System wants to print specific document (check, dynamic currency conversion ...).*- **PRRP: PrinterReceipt** : *Printer for the Payment receipt.*- **PRVC: PrinterVoucher** : *Coupons, voucher or special ticket generated by the POI and to be printed. ::SaleCapabilities1Code*<br/>Hardware capabilities of the Sale Terminal.<br/>- <b>CHDI: CashierDisplay</b> : <i>Standard Cashier display interface (to ask question, or to show information). </i><br/>- <b>CHER: CashierError</b> : <i>To display to the Cashier information related to an error situation occurring on the POI.</i><br/>- <b>CHIN: CashierInput</b> : <i>Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element). The output device attached to this input device is the CashierDisplay device.</i><br/>- <b>CHST: CashierStatus</b> : <i>To display to the Cashier a new state on which the POI is entering. For instance, during a payment, the POI could display to the Cashier that POI request an authorisation to the host acquirer.</i><br/>- <b>CUDI: CustomerDisplay</b> : <i>Standard Customer display interface used by the POI System to ask question, or to show information to the Customer inside a Service dialogue.</i><br/>- <b>CUAS: CustomerAssistance</b> : <i>Input of the Cardholder POI interface which can be entered by the Cashier to assist the Customer.</i><br/>- <b>CUER: CustomerError</b> : <i>To display to the Customer information is related to an error situation occurring on the Sale Terminal during a Sale transaction.</i><br/>- <b>CUIN: CustomerInput</b> : <i>Any kind of keyboard allowing all or part of the commands of the Input message request from the Sale System to the POI System (InputCommand data element).</i><br/>- <b>POIR: POIReplication</b> : <i>Information displayed on the Cardholder POI interface, replicated on the Cashier interface.</i><br/>- <b>PRDC: PrinterDocument</b> : <i>When the POI System wants to print specific document (check, dynamic currency conversion ...).</i><br/>- <b>PRRP: PrinterReceipt</b> : <i>Printer for the Payment receipt.</i><br/>- <b>PRVC: PrinterVoucher</b> : <i>Coupons, voucher or special ticket generated by the POI and to be printed. </i><br/>*<SaleCpblties>::SaleCapabilities1Code* |
| 2 | Currency | [0..1] |  |  | <*::ActiveCurrencyCode<Ccy>::ActiveCurrencyCode* |
| 2 | MinimumAmountToDeliver | [0..1] |  |  | <*::ImpliedCurrencyAndAmount<MinAmtToDlvr>::ImpliedCurrencyAndAmount* |
| 2 | MaximumCashBackAmount | [0..1] |  |  | <*::ImpliedCurrencyAndAmount<MaxCshBckAmt>::ImpliedCurrencyAndAmount* |
| 2 | MinimumSplitAmount | [0..1] |  |  | <*::ImpliedCurrencyAndAmount<MinSpltAmt>::ImpliedCurrencyAndAmount* |
| 2 | DebitPreferredFlag | [0..1] |  |  | D*::TrueFalseIndicator*Default: False <br/>*<DbtPrefrdFlg>::TrueFalseIndicator* |
| 2 | LoyaltyHandling | [0..1] |  |  | <Possible types of Loyalty processing.- **ALLO: Allowed** : *The loyalty is accepted, but the POI has not to require or ask a loyalty card. The loyalty is involved by the payment card (e.g. an hybrid or linked card).* - **DENY: Forbidden** : *No loyalty card to read and loyalty transaction to process. Any attempt to enter a pure loyalty card is rejected.*- **PRCS: Processed** : *The loyalty transaction is already processed, no loyalty card or loyalty transaction to process.*- **PROP: Proposed** : *The loyalty is accepted, and the POI has to ask a loyalty card. If the Customer does not enter a loyalty card, no loyalty transaction is realised.*- **REQU: Required** : *The loyalty is required, and the POI refuses the processing of the message request if the cardholder does not enter a loyalty card.::LoyaltyHandling1Code*<br/>Possible types of Loyalty processing.<br/>- <b>ALLO: Allowed</b> : <i>The loyalty is accepted, but the POI has not to require or ask a loyalty card. The loyalty is involved by the payment card (e.g. an hybrid or linked card). </i><br/>- <b>DENY: Forbidden</b> : <i>No loyalty card to read and loyalty transaction to process. Any attempt to enter a pure loyalty card is rejected.</i><br/>- <b>PRCS: Processed</b> : <i>The loyalty transaction is already processed, no loyalty card or loyalty transaction to process.</i><br/>- <b>PROP: Proposed</b> : <i>The loyalty is accepted, and the POI has to ask a loyalty card. If the Customer does not enter a loyalty card, no loyalty transaction is realised.</i><br/>- <b>REQU: Required</b> : <i>The loyalty is required, and the POI refuses the processing of the message request if the cardholder does not enter a loyalty card.</i><br/>*<LltyHdlg>::LoyaltyHandling1Code* |