protel SPE, MPE and Smart

Replacement Codes

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Content

protel SPE, MPE and Smart: Replacement codes

What are replacement codes?	Replacement Codes are developed for templates in the protel hotel software. When a hotel employee, for example, creates a template for a reservation confirmation, he would apply replacement codes for the guest name, reservation number, and arrival and departure dates. The program then automatically enters the correct name as well as other important reservation data when generating the booking confirmation. In doing so, the hotel can use this reservation confirmation for all of their guests and each guest receives their own personalized information.
What is this document about?	This document contains all of the existing replacement codes for the protel hotel software with the respective description texts and notes about usage. Please note that it is very important to pay attention to which replacement codes are used in which document. There are general replacement codes but also specific ones for single text templates.
Related documents and information	Additional information can be found in the following documents: ▼ protel FO user manual ▼ User defined fields and codes ▼ protel Vouchers user manual

MPE Information

(High Edit / Microsoft Word)

The following replacement codes can be used to insert information about a MPE hotel in any template. As a result, MPE hotels are able to work with one template. RESTRICTION: These codes CANNOT be used in headers or footers.

Code	Description	Version
$lmhotel	Hotel name with postal code and city taken from the license	
$smhotel	Short name taken from the license	
$nrhotel	MPE hotel number	
$mpe0005	Tax 1	2013.17.132
$mpe0006	Tax 2	2013.17.132
$mpe0007	Street 1	2013.17.132
$mpe0008	Street 2	2013.17.132
$mpe0009	Street 3	2013.17.132
$mpecy	City	2013.17.132
$mpecyzip	Postal code	2013.17.132
$mpeponr	Post office box	2013.17.132
$mpehoteladd1	Address 1	
$mpehoteladd2	Address 2	
$mpehoteladd...	Address...	
$mpename2	Name 2	
$mpephone	Telephone number	
$mpeemail	Email	
$mpefax	Fax	
$mpehttp	Hotel website taken from the license	
$mpeponr	Post office box	2013.17.132
$mpepozip	Post office box - Postal code	
$mpe0001	Notes	
$mpe0002	Notes Restaurant	
$mpe0003	Company name 1 from guest profile	
$mpe0004	Company name 2 from guest profile	
$mpecardn1	Allocated member card (the member card is determined by the settings in the system data; contact protel support)	
$mpecardv1	Value of this member card	
$feathotel	Hotel-Features	

Reservation and customer texts

(High Edit / Microsoft Word)

Code	Description	Version
$Add1 - $add12	The contents of the address boxes from the guest profile vary depending on profile type: **Private:** $add1 - Salutation $add2 - First name, Last name $add3 - Street 1 $add4 - Street 2 $add5 - Postal code, City $add6 - Country $add7 - of no meaning for private profiles $add8 - of no meaning for private profiles $add9 - for no meaning for private profiles **Company:** $add1 - Name1 $add2 - Name2 $add3 - Department $add4 - Contact person $add5 - Street 1 $add6 - Street 2 $add7 - Street 3 $add8 - Postal code, City $add9 - Country	
$contract	Contract number from the guest profile	
$Datum	Current protel date	
$Datum1	Extended date with four-digit year	
$datum3	Current system date	
$email	Email address from the guest profile	
$FNr	Fax number	
$Gdat	Birth date DD.MM.YY	
$Gdats	Birth date DD.MM	
$glmhotel	Hotel name with postal code and the city of the hotel where the user has been registered (from the license)	
$gmpehoteladd1...7	Hotel's address information where the user has been registered (from the license)	
$gsmhotel	Short name of the hotel where the user has been registered (from the license)	
$http	Guest's website	

$kundennr	Customer number from the guest profile	
$Market	Marketing-Code	
$Member	Membership number from the guest profile	
$mobil	Mobile number	
$mpeemail	Email address of the hotel where the user has been registered	
$mpefax	Fax number from the guest profile of the hotel where the user has been registered (from the license)	
$mpehttp	Web address from the guest profile of the hotel where the user has been registered	
$mpename2	Name 2 of the guest profile of the hotel where the user has been registered	
$mpephone	Telephone number from the profile of the hotel where the user has been registered	
$Name	Guest's name, company RB, source, Group	
$PersAnrede	Dear ... , (incl. comma space)	
$PersAnrede1	Dear ... (without comma)	
$Persanrede2	Dear ... (without comma)	
$remark	Comments line from the Navigator	
$TNr	Telephone number	
$User	Name of user who is currently registered (only for set-up user administration)	
$Vipcode	VIP-Code	

Guest letters

(High Edit / Microsoft Word)

Code	Description	Version
$anr	Guest salutation	
$firma1	Company 1 from the guest profile	
$firma2	Company 2 from the guest profile	
$fn	First name of the guest	
$gbbb1 ... $gbbb10	Birth date of the 1st (to 10th) Family member without year	2010.13.720
$gbbd1 ... $gbbd10	Birth date of the 1st (to 10th) Family member	2010.13.693
$gbfn1 ... $gbfn10	First name of the 1st (to 10th) Family member	2010.13.693
$gbgr1 ... $gbgr10	Personal salutation of the 1st (to 10th) Family member	2010.13.720
$gbln1 ... $gbln10	Last name of the 1st (to 10th) Family member	2010.13.693
$gbst1 ... $gbst10	Salutation of the 1st (to 10th) Family member	2010.13.693
$ln	Last name of the guest	

| $y089 | License plate number | |
| $y124 | Region from the guest profile | 2014.18.125 |

Letters

(High Edit / Microsoft Word)

Code	Description	Version
$#Nacht $nts	Number of nights	
$y001	Arrival date short form (e.g., 11.05.15)	
$y002	Departure date short form (e.g., 11.05.15)	
$y003	Arrival date in long-format (e.g., 11 November 2015)	
$y004	Departure date long Format (e.g., 11 May 2015)	
$y005	Optional date long format (e.g., 11 May 2015)	
$y010	Replaces the arrival date minus X days Number of days will be defined by a protel.ini entry: [bookingconfirmation] daysbeforarrival=XXX	
$y015	Replaces the date of departure plus x days Number of days will be defined by an INI entry: [bookingonfirmation] daysafterdeparture=XXX	
$y016	Replaces the date that has been saved using the value from the arrival date and the value in the protel.ini-file: [bookingconfirmation]daysbeforearrival2.	
$y023	Total amount per adult (indiv. confirmation)	
$y044	Reservation status	
$y046	Number of children per room (anzkin1 + anzkin2 + anzkin3 + anzkin4)	
$y075	Inserts the contents of the text field "Text 1" from the "additional reservation information" dialog (Access by means of the "Add Info." button).	
$y077	Inserts the contents of the text field "Text 2" from the "additional reservation information" dialog (Access by means of the "Add Info." button).	
$y087	Number of children per reservation (all age groups)	
$y088	CRS reservation number (buch.crsnumber)	2007.11.399
$y090	Name of booker	2008.11.994
$y093	Name of rate code	2008.12.477
$y095	Lists the guest wishes from the profile	
$y100	Total number of booked rooms in the reservation confirmation	2013.17.367
$y101	Inserts the date in Persian calendar format - short form (e.g., 97/03/01)	

$y102	Inserts the date in Persian calendar format (e.g., 94/06/19)	
$y103	Inserts the date in Persian calendar format (e.g., 1394/03/01)	
$y104	Inserts the date in Persian calendar format (e.g., 94/03/01)	
$y105	Inserts the date in Persian calendar format (e.g., 94/03/03)	
$y106	Informal salutation (without name) Attention: This replacement code does not work with three or more last names (without hyphens)!	2009.13.121
$y107	Payment method (window A)	
$y108	like $Preis, including services from split tables which are booked as fixed services	2010.13.674
$y109	like $Preisp, including services from split tables which are booked as fixed services	2010.13.674
$y110	Total price per rooms incl. charges from split tables, which will be posted as fixed charges	2010.13.674
$y111	Total price per person inclu. charges from split tables, which are then posted as fixed charges	2010.13.674
$y112	Number of adults & children in a reservation (= $Gerw + $GkinG)	2010.13.897
$y114	Generates a QR code from the reservation number (HighEdit only with installed GDI+ (XP autom. or higher))	
$y115	Generates a QR code from the reservation number and creates a link to protel Voyager (Version 1 only) as a QR value using the respective reservation number in the URL. (HighEdit only with installed GDI+ (XP autom. or higher))	
$y116	Generates a link to protel Voyager (Version 1 only) using the respective reservation number in the URL. To do so, the URL needs to be saved to the system file's settings. Please contact protel Support. (HighEdit only with installed GDI+ (XP autom. or higher))	
$y117	QR codes for the booking confirmation Which survey in the QR-code is to be linked with the booking confirmation, will be determined via the ID of the respective pre-arrival survey. You will find the survey ID in the protel Cloud Center in the survey window under "Settings". The respective Survey ID will still be saved to the settings in the system data. Please contact protel Support.	
$y118	Displays the gender.	2013.17.081
$y119	Shows the arrival date minus X days Settings in the protel system data are necessary to do this. Please contact protel Support.	2013.17.359
$y120	QR codes for the booking confirmation All of the necessary information about a reservation is contained in the QR code. This QR code is used for the quick check-in with protel for iPad. Please note that an Internet connection must be available in order to create a booking confirmation with this replacement code.	2013.17.597

$y121	The total number of booked persons per room type will be displayed in the reservation in a separate line.	2014.17.820
$y125	Inserts the date in Islamic calendar format (e.g., 36/08/04)	2014.18.315
$y126	Inserts the date in Islamic calendar format (e.g., 36/11/27)	2014.18.315
$y127	Inserts the date in Islamic calendar format - long (e.g., 1436/05/04)	2014.18.315
$y128	Inserts the date in Islamic calendar format (e.g., 36/08/04)	2014.18.315
$y129	Inserts the date in Islamic calendar format (e.g., 36/08/06)	2014.18.315
$y130	Inserts the arrival date in DD.MM.YYYY format	2015.19.315
$y131	Inserts the departure date in DD.MM.YYYY format	2015.19.315
$y132	Inserts the QR code for Slovenian invoices. This code consists of the ZOI (Slovenian invoice number from the tax office), the date and the time.	2015.19.387
$1fgpreis	$fgpreis multiplied with the value from the INI parameter "FaktorWaehrung"	
$1ggpreis	$ggpreis multiplied with the value from the INI parameter "FaktorWaehrung"	
$1gpreis	$gpreis multiplied with the value from the INI parameter "FaktorWaehrung"	
$1preis	$preis multiplied with the value from the INI parameter "FaktorWaehrung"	
$2ggpreis (The value "1" must be set for the INI entry "Winterberg")	50% of the value of $ggpreis. NOTE: These replacement codes do not consider the number of booked nights, so that they only function properly for rates that have been posted completely on the day of arrival.	
$A-1	Day of departure minus 1 day (when booking function rooms)	
$Ab	Departure date of the reservation(s)	
$Abt / $y007	Departure day (Monday, Wednesday, etc.)	
$Adb	Additional beds	
$AkiA	Arrival time from the reservation dialog	
$AkiE	Departure time from the reservation dialog	
$An	Date of arrival of the reservation(s)	
$AnredeAttachedProfile1	Adopts the salutation from up to 5 linked profiles	2018.20.111
$AnT / $y006	Arrival day (Monday, Wednesday, etc.)	
$Anzahl	Number of reserved rooms (For groups, etc.)	
$AnzErw	Number of booked adults	
$AnzFl1, $AnzFl2...	Quantity of the entered fixed charges	
$AnzKin1	Number of booked children type Child1	
$AnzKin2	Number of booked children type Child2	
$atp	Flight number from the reservation	

$b2strX	Street 2 and 3 from guest profile X is replaced by the number of the guest profile 1=Guest 2=Company 3=Group: 4=Travel Agent 5=Source	
$b3strX	Street 3 from guest profile X is replaced by the number of the guest profile 1=Guest 2=Company 3=Group: 4=Travel Agent 5=Source	
$banr1	Guest salutation	
$bcountry1	Guest's country of origin	
$bcountry2	Company's country whose profile is linked to the reservation	
$bdisc1	Discount code for guests	2013.16.752
$bdisc2	Discount code for companies	2013.16.752
$bdisc3	Discount code for groups	2013.16.752
$bdisc4	Discount code for travel agents	2013.16.752
$bdisc5	Discount code for sources	2013.16.752
$bname1	Name1 of guest	
$bname2	Name1 of company	
$bname3	Name1 of group	
$bname4	Name1 of travel agency	
$bname5	Name1 of source	
$bortX	City from guest profile X is replaced by the number of the guest profile: 1=Guest 2=Company 3=Group: 4=Travel Agent 5=Source	
$bplzX	Zip code from guest profile X is replaced by the number of the guest profile: 1=Guest 2=Company 3=Group: 4=Travel Agent 5=Source	
$bstrX	Street 1 from guest profile X is replaced by the number of the guest profile:	

	1=Guest 2=Company 3=Group: 4=Travel Agent 5=Source	
$bvor1	First name of the guest	
$cc	Credit card number from the reservation	
$ccexp	Expiry date of the credit card from the reservation	
$ccmask	Credit card number from the reservation (without numbers hidden with XSetups)	
$cctype	Type of credit card from the reservation	
$Cot	Cots	
$cpbd1, $cpbd2, $cpbd3 to $cpbd7	Birthday of the companion of a reservation	
$cpfn1, $cpfn2, $cpfn3 to $cpfn7	First name of the companion of a reservation	
$cpln1, $cpln2, $cpln3 to $cpln7	Name of the companion of a reservation	
$cpst1, $cpst2, $cpst3 to $cpst7	Salutation of the companion of a reservation	
$cr	Currency of the rate code	
$cxlnr	Cancellation number of the reservation	
$DepBe1, $DepBe2...	Amount des Deposits 1, 2...	
$depcr1	Currency of deposit	
$DepDa1, $DepDa2...	Due date of deposit.	
$depdebr1, $depdebr2	Document number of deposit.	
$Dopt	Option date of tentative reservation	
$dtp	Check out text from additional reservation information	
$Fgpreis	Total amount of all fixed charges	
$Fgtax	Calculated amount of $gpreis x $tax	
$Firma1	Company 1 from the guest profile	
$Firma2	Company 2 from the guest profile	
$Fixep1, $Fixep2….	Single price of fixed charges	
$Fixepa1, $Fixepa2…	Single price multiplied with the number of fixed charges	
$Fixleist1, $Fixleist2....	Text for fixed charges	

$Fixpreis1, $Fixpreis2...	Price of entered fixed charges	
$FixRh1, $FixRh2...	Posting pattern of fixed charges (e.g., arrival date, daily...)	
$gdat	Guest's birthday (DDMM)	
$Gerw	Total number of adults	
$Ggpreis	Total amount of $gpreis and $fgpreis (total amount incl. fixed charges)	
$ggpreis (For Winterberg ini-entry = 1)	50% of $ggpreis multiplied by the value of the INI parameter "FaktorWaehrung"	
$ggpreisP	For group confirmations: Total amount of all reservations divided by the total of all the members of the group	
$Ggtax	Amount of $ggpreis*$tax (in %)	
$gkin1	Cumulative sum of child 1	
$gkin2	Cumulative sum of child 2	
$gkin3	Cumulative sum of child 3	
$gkin4	Cumulative sum of child 4	
$Gking	Cumulative sum of all children entered in reservation (child 1 + child 2 + child 3 + child 4)	
$Gpreis	Total price for all nights (also considers rate changes)	
$grprn	Reservation number of the group master reservation	
$Gtax	Amount of $gpreis * $tax	
$hear	Hear reasons of a reservation	
$come	Comes reasons of a reservation	
$hotpw	Password for the Hotelomat from the additional IFC information	
$Kat	Name of room type which is defined in system data	
$Kbez	Name of room type according to description entered in system data The text depends on the number of persons (1-4 pers.) and selected language	
$Kont	Name of allotment to which the reservation is connected	
$lmhotel	Long hotel name (or MPE)	
$Mark	Market code from reservation dialog	
$NameAttachedProfile1	Adopts the first and last names from up to 5 linked profiles	2018.20.111
$Not1Dat	Date of note 1 from the reservation dialog	
$Not2Dat	Date of note 2 from the reservation dialog	
$Notiz1	Text from note 1 from the reservation dialog	
$Notiz2	Text from note 2 from the reservation dialog	
$Ntxt	Replaced by word "Night" or "Nights" depending on the number of nights	
$pack1, $pack2, ...	Name of package entered in the system data	

$packf1, …, $packf10	These codes enables the display of permanently allotted split tables from the rate code detail.	2015.19.097
$passwd	Password of member ID from guest profile	
$pic	Pickup code for reservation	
$Pnr	Is replaced by the guest's passport number	
$Preis	Calculated price for departure date	
$PreisExcVAT	Room rate per night excluding VAT	2020.21.001
$PreisP	Calculated price divided by number of booked adults (rate per person)	
$Ptyplt1	Text 1 of rate code	
$Ptyplt2	Text 2 of rate code	
$PtypRText	Billing text from the rate code details of the rate codes (The text can vary based on language and number of person, if various billing texts have been saved to the rate code detail.)	
$Resdat	Reservation date	
$resfname	First name of contact person for reservation	
$resname	Last name of contact person for reservation	
$ResNr	Reservation number (assigned by protel)	
$ResRef	Confirmation number (manually) taken from the reservation dialog	
$ressal	Salutation of contact person for reservation	
$restel	Telephone number of contact person for reservation	
$rmemo	Reservation memo text	
$Route	Route description from guest to hotel from Microsoft MapPoint	
$Routemap	Route description from guest to hotel from Microsoft MapPoint	
$rtabb	Abbreviation of room type	
$smhotel	Short hotel name (for MPE)	
$Source	Source code from reservation dialogue box	
$Sumzahl	Total of all payments which have been processed so far using this guest account	
$Tax	Number of taxlogis=xx of the protel.ini	
$user	User name	
$userdepartment	Department of user as configured in the user administration	
$userreply	Email address of user as configured in the user administration	
$usini	User initials from the user administration	
$Vorna	Inserts guest's first name	
$Zbb	Room description taken from the room's system data	
$Zbh	Room specifics taken from the room's system data	
$Zeit	System time	

$ZiNr	Room number of the reservation(s)
$ZPreis	Total price of the rooms per line (for several rooms/lines) use $muster); example: 2 Single rooms 15o EUR each = 300 EUR (Number of rooms is considered for the total price)

Move

The following section describes how to insert information about a room change to a reservation confirmation. (Please do NOT use the codes from the table above in this context!)

Code	Description	Version
$muster	Start loop, so that numerous room types will also be translated within	
$mvtext	Marks the position in the form where the addition text is to be inserted.	
$movetext	Marks the beginning of the "move" text.	
$mvroom	Room number when moving	
$mvrt1	Room type, short	
$mvrt2	Room type description	
$mvrt3	=$kbez (Confirmation text 1-6 persons) depending on the room type description from the room type system data and on the number of persons and the entered language.	
$mvd1	Arrival date	
$mvd2	Move date	

EXAMPLE:

Code	Example
$muster	$AnT, $y003 to $AbT, $y004 $#Nacht nights $Anzahl $Kat $Zbb at the total price of € $zPreis for $anzerw adults
$mvtext	[movetext{in room number: $mvroom $mvrt2 $mvrt1 $mvrt3 from $mvd1 to $mvd2 }]

Rate changes

The following section describes how to insert information about rate change/changes into a booking confirmation. (Please do NOT use the codes used in the table above in this context!)

For that purpose, a separate section in the reservation confirmation is required:

[ratechange{ $rcd1 $rcd2 $rcprice
}]

There must be a line before the "}]"
The complete block "[...]" must be in a new line after the "$muster"

Code	Description	Version
$rcadult	Number of adults Number of booked adults from the rate by day (rate change)	2011.14.544
$rcchild1	Number of children 1	2013.17.264
$rcchild2	Number of children 2	2013.17.264
$rcchild3	Number of children 3	2013.17.264
$rcchild4	Number of children 4	2013.17.264
$rcchilds1	Number of children per room (all age groups) (corresponds with $y046)	2013.17.264
$rcchilds2	Number of children per reservation (all age groups), (corresponds with $y087)	2013.17.264
$rcd1	Arrival date (rate change)	
$rcd14	Replaces the "from date" within a rate change with a 4-digit year number	2020.20.222
$rcd2	Departure date (rate change)	
$rcd24	Replaces the "to date" within a rate change with a 4-digit year number	2020.20.222
$rcprice	Room rate from the reservation (rate change)	
$rcptlt1	Text 1 of rate code (system data)	2011.14.546
$rcptlt2	Text 2 of rate code (system data)	2011.14.546

EXAMPLE:

This could look something like this: ("->" symbolizes a tab space)

Room type -> Arrival -> Departure -> Guest name

$Muster $Anzahl $Kbez -> $An -> $Ab -> $banr1 $bname1

[ratechange{ -> $rcd1 -> $rcd2 -> $rcprice

}]

The "rate change" block inserts new lines for each rate change. If you want to use tab keys or empty spaces to indent the text, please put those into the {...} brackets.

All additional codes such as room description or room type must be inserted and will be replaced respectively for the individual rows.

For the replacement codes needed to change rates, the ini-entry [reservationconfirmation] calcprice=1 will be required.

Office 2010 might have problems with automatically copying / inserting the email address. Copy the replacement codes from the clipboard in the email's addressee line instead. In this case, replace the above mentioned replacement codes for:

Code	Description	Version
$rctext	Needs to be replaced where the text is to be displayed	

[nrctext{ }]	This code has to be (placed at the end of a document. Within the codes, you may use the regular codes which can be used for the "former" rate change method.	

Reservation confirmation via SMS

Code	Description	Version
$1	Hotel name from the license data	
$2	Salutation	
$3	Name	
$4	Confirmation number of the reservation	
$5	Arrival	
$6	Departure	
$7	Rate with currency symbol	

Invoice texts

These codes can be inserted anywhere in the form and will only be replaced once.

Code	Description	Version
$y088	Inserts CRS number from the reservation	2014.18.335
$Abreise	Guest's departure date	
$Abreise4	Replaces the departure date with a 4-digit year number	2020.20.222
$AgentTaxNo	Tax number from the travel agent profile assigned to the reservation	
$AgentTaxNo2	Tax number 2 from the travel agent profile assigned to the reservation	
$AkiE	Departure time from the reservation	
$Anrede	Salutation from the guest profile (Mr. / Mrs.)	
$Anreise	Guest's arrival date	
$Anreise4	Replaces the arrival date with a 4-digit year number	2020.20.222
$anzerw	Number of adults from reservation	
$anzkintotal	Number of children from reservation	
$anzkin1	Number of children in age group 1 from the reservation	
$anzkin2	Number of children in age group 2 from the reservation	
$anzpers	Number of children and adults from reservation	
$Bediener	Name of the currently logged in user	
$Birthdate	Birth date of the invoice recipient taken from the guest profile	
$CompTaxNo	Tax number from company profile assigned to reservation	
$CompTaxNo2	Tax number 2 from company profile assigned to reservation	
$Contract	Contract number from invoice recipients profile	
$CopyText	Can only be used if $printcopy exists! A setting of the system data is necessary for these replacement codes. Please contact protel Support to do this.	
$CroatiaQRCode	This replacement code can be used to display a QR code on Croatian invoices.	2020.21.030
$Curr	Currency key of invoice currency	
$CustomerID	Profile number of invoice recipient's guest profile	
$DateHijri	Inserts the date in Islamic format (e.g., 36/08/04)	2014.18.379
$DateHijri4	Inserts the date in Islamic format using 4-digit year (e.g., 1436/08/04)	2014.18.379
$Datum	Date of printing	
$Datum	Date of printing with 4 digit year	
$Day	Day of current date	
$DueDate	Inserts the due date (reminder code) of invoice into the recipient's profile (calculated from the departure date)	

$Duedate2	Inserts the due date (reminder code) of invoice into the recipient's profile (calculated from the departure date)	
$EFTInvoiceReceipts	Value transmitted from EFT interface	
$email	Email address of invoice recipient	
$en.AmountInWords $en.AmountInWordsDecimals	only English: Display amount in words	
$ENetLocNoLocalRow	Individual net price without local taxes	2020.21.001
$ExRate	Inserts exchange rate for the current date	
$Fax	Fax number of invoice recipient	
$FibuDeb	Number of guest profile for financial bookkeeping	
$Firma2	Company name1 and 2 from guest profile	
$en.AmountInWords $fr.AmountInWordsDecimals	only French: Display amount in words	
$glmhotel	MPE-Hotel	
$gr.AmountInWords $gr.AmountInWordsDecimals	only Greek: Display amount in words	
$InfoText	Inserts a text to forecasts which had been previously defined with the following XSetup: invoice | infotext | xxx. Xxx is the text identifier.	2017.19.926
$InvComp1, $InvComp2	Company name1 and 2 from guest profile of invoice recipient	
$italianlottery	Text from XSetup legal_italy | invoice_caption + Lottery Token, which was used for the invoice	2020.21.30
$Kasse	Number of the activated cash register	
$Kbett	Number of cots from reservation	
$Komm1, $Komm2… (to 8)	Remark from system data (protel SD > Text > Default invoice > Invoice Cash / Debtors > …(depends on payment method))	
$KundenNr	Member number from the profile of invoice recipient	
$Lnum	No. of TAA / Method of Payment	
$LText	The code exports the description text for a transaction account in the guest's language. For version 2015.19.283 or later, the translation is also exported for the posting text, if one is available	2015.19.283
$LocalTaxOnlyRow	Amount of the local tax	2020.21.001
$LocalTaxOnlyRow2	Amount of the local tax in secondary currency	2020.21.001
$Member	Member number from the profile of invoice recipient	
$Month	Month of current date	
$MwSt1, $Mwst2…	VAT for amount 1,2,…(*.INI)	

$MwSTBetrag1, $MwSTBetrag2,...	VAT amount 1,2,...	
$MwstBrutto2...	Gross VAT amount 1,2,... (*.INI)	
$MwStKz	VAT mark (numeric)	
$MwStKz2	VAT mark (text)	
$MwstNetto1, $MwstNetto2....	Gross VAT amount 1,2,... (*.INI)	
$MwStText	Mark 2 from the VAT keys (Italy)	
$NetTotal, $NetTotal2	Total amount VAT codes	
$NetLocNoLocalRow	Total net price without local taxes	2020.21.001
$NetNoLocalRow	Net amount minus local taxes	2020.21.001
$Notiz1	Note 1 from reservation dialogue	
$Notiz2	Note 2 from reservation dialogue	
$OriginalInvoice	Original invoice number of the invoice posting (for Greece)	2018.20.083
$OriginalFiscalCode	Amount of posted sales tax (for Greece)	2018.20.083
$Pages	Number of all pages	
$Passwd	Password from the profile of invoice recipient	
$Perc1, $Perc2 …	Replaces a percentage calculation of the complete invoice amount. The single percentages must be itemized on the bottom of the invoice. Up to 10 percentages are valid. [Percentage1{35}] [Percentage2{65}] ….	
$PersAnrede	Dear … , (incl. comma space)	
$PersAnrede1	Dear … (without comma)	2017.20.015
$Phone	Telephone number of invoice recipient	
$pl.AmountInWords	Only Polish: Invoice amount in words in Polish	
$pl.AmountInWordsDecimals	Only Polish: Decimal places in the amount in words in Polish	
$PrintCopy / $printcopies	Replaces the number of printed copies **Please note:** The replacement code is not allowed to be in a write-protected field! Following INI entry must exist: [rechnung]Useprintcopy=1	
$ProformaText	Inserts a text to pro-forma invoices which have been previously defined with the following XSetup: invoice | proformatext | xxx. Xxx is the text identifier.	2017.19.926
$QR_SP	From 2021, QR codes have to be printed on invoices in Portugal. For this, the QR code from the result of a Stored Procedure is inserted.	2020.21.030
$QRCode	Survey link as a QR code for the guest's invoice. The QR code links the survey which is set as a standard in the protel Cloud Center.	2013.16.816
$RechArt	Type of invoice (Informative Invoice, Interim Invoice)	

$Rechkopie	Number of copies generated by protel	
$RechNr	Invoice number (generates automatic issued)	
$Resanrede (Salutation)	Departure time from the reservation	
$ResCarReg	Car registration from guest profile	
$Rescomp1	Company from reservation	
$Rescomp2	Company name 2 from reservation	
$Resmember	Member number from the guest profile	
$Resname	Name from reservation	
$ResNo	Reservation number	
$ResOrt (Location)	City of invoice recipient	2012.15.874
$ResPLZ	Zip code of invoice recipient	2012.15.874
$ResRef	Confirmation number from reservation dialogue	
$ResRegion	Region of invoice recipient	
$Resroom	Room number of the reservation	
$Resstrasse	Street number of the invoice recipient	2012.15.874
$Resvorname	First name from reservation	
$RoomType	Name of room type (depending on language)	
$RoomTypeOrg	Replaces the designation of the originally booked room type on invoices of reservations, which included a room type change (e. g. due to an upgrade).	2020.21.010
$rootdate	Replaces the original posting date for each invoice item, in case the invoice has been previously fiscalized and released.	2020.21.020
$Seite	Page of invoice (raised automatically for the next page)	
$SumBelast	Total amount of all charges	
$SumDebit	Total amount of all debtor payments	
$Summe	Total amount of $SumBelast and §SumZahl	
$SumZahl	Total amount of all payments	
$SysDate	System date	
$TAA1Total $TAA2Total $TAAnTotal $TAATotal	In some cases, the sum of certain transaction accounts (TAAs) is listed at the bottom of an invoice as sum. For this purpose, the $TAAnTotal-Codes and $TAATotal-Code must be set: $TAA1Total: Sum of the 1st TAA $TAA2Total: Sum of the 2nd TAA $TAA20Total: Sum of the 20th TAA $TAATotal: Total sum of all evaluated accounts The $TAAnTotal-Codes/the $TAATotal-Code can be used, for example, to execute sales tax posting which aren't inclusive, but need to appear	

	as separate postings, as required in the USA. This function can also be used for local taxes or health resort taxes.	
	The TAAs whose sum is to be stated, are determined by inserting codes at the end of the invoice:	
	[TAA1{1. Transaction account number}]	
	[TAA2{2. Transaction account number}] …..	
	[TAATotal{Total sum of all entered transaction accounts}]	
	When using $TAAnTotal-/ $TAATotal-Codes replacement codes with the activated multi-currency function, sales tax amounts can also be entered in foreign currencies as well as in the local currency set in the system data. Other codes allow the entry of net sums for the respective TAAs.	
	protel offers up to 20 codes by default (n=20) By setting the following XSetups under "Global settings", the quantity can be arbitrarily increased:	
	Invoice | maxtaatotal | n (=exclusive quantity, e.g. 80).	
	The quantity set in this XSetup is valid for ALL replacement codes based on the following sample $TAAnTotal-/ $TAATotal-Codes.	
	For version 11.435, or later, codes can also compile sums based on $TAAnTotal-Codes:	
	Example: When setting [TAA1{100+101}], $TAA1Total receives the total of all bookings contained on accounts 100+101	
$TAA1Curr $TAA2Curr… $TAAnCurr $TAATotalCurr	Complements the $TAAnTotal-/$TAATotal-Code format (see above) with activated multi-currency function: The revenue sum is entered at the bottom of the invoice using the currency allotted to the transaction account (TAA) being used. **IMPORTANT INFORMATION:** Please DO NOT use if sales have been booked to an account using varying currencies.	
$TAA1CurrR2 $TAA2CurrR2 … $TAAnCurrR2 $TAATotalCurrR2	Complements the $TAAnTotal-/$TAATotal-Code format (see above) with activated multi-currency function: at the bottom of the invoice, revenue amount for each selected transaction account is added based on the "Reporting Currency" determined in the system data.	
$TAA1TotalNet $TAA1TotalNet... $TAAnTotalNet $TAAnTotalNet	Based on $TAAnTotal-/$TAATotal-Codes (see above). At the bottom of the invoice, the net revenue amount is entered using the currency selected in the TAA.	2017.20.015
$TAA1TotalNetCurr $TAA2TotalNetCurr … $TAAnTotalNetCurr $TAATotalNetCurr	Complements the $TAAnTotal-/$TAATotal-Code format (see above) with activated multi-currency function: At the bottom of the invoice, the net revenue for each selected TAA is entered using the allotted currency. **IMPORTANT INFORMATION:** Please DO NOT use if sales have been booked to an account using varying currencies.	2017.20.015

$TAA1TotalNetCurrR2, $TAA2TotalNetCurrR2 $TAAnTotalNetCurrR2 $TAATotalNetCurrR2	Complements the $TAAnTotal-/$TAATotal-Code format (see above) with activated multi-currency function: At the bottom of the invoice, the net revenue for each selected TAA is entered using the "reporting currency" allotted in the system data.	2017.20.015
$Taxbetrag1	Calculated amount for tax1	
$Taxbetrag1	Calculated amount for tax2	
$Taxbetrag3	Calculated amount for tax3	
$TaxExemptionCode	Name of the tax exemption code (special function for Hungary)	2018.20.091
$TaxNo	VAT ID number from company profile	
$TaxNo2	2. Tax number from the company profile	
$TaxTotal	Grand total of tax rate	
$Total	Open amount from the sum of the charges and payments with a debit balance ($Summe - $SumDebit)	2014.18.065
$Totalwithouttax	Only external taxes: Total net amount (minus all taxes and statutory fees) (Sum minus [TAA1{...}], [TAA2{...}]...)	
$TravelDoc	Document No from guest profile	
$TravelDocType	Travel document type from the guest profile (for Tunisia, for inserting into the currency receipt)	2018.20.092
$TravelDocValid	Document valid until (for Tunisia, for inserting into the currency receipt)	2018.20.092
$TravelDocIssued	Place of issue (for Tunisia, for inserting into the currency receipt)	2018.20.092
$ TravelDocIssuedDate	Date of issue (for Tunisia, for inserting into the currency receipt)	2018.20.092
$UserDepartment	Replaces the department entered in user administration	
$usini	Users initials from user administration	
$VATOnlyRow	VAT amount without local taxes	2020.21.001
$VATOnlyRow2	VAT amount without local taxes in secondary currency	2020.21.001
$VipCode	Guest's VIP-code	
$VipCodeNr	Number of VIP codes (system data)	
$Void.InvoiceNo	Number of the original invoice to be cancelled.	2019.20.200
$Void.InvoiceDate	Date of the original invoice to be cancelled.	2019.20.200
$Void.Arrival	Date of arrival of the reservation belonging to the cancelled invoice	2019.20.200
$Void.Departure	Date of departure of the reservation belonging to the cancelled invoice	2019.20.200
$Void.Room	Room number of the reservation belonging to the cancelled invoice	2019.20.200
$Year	Year of current date (four-digit)	
$YearYY	Year of current date (two-digit)	
$Zbett	Number of additional beds from reservation	
$Zdat1	Due date of payment 1 (e.g., Invoice date + 7 days) (*.INI)	

| $Zdat2 | Due date of payment 2 (e.g., Invoice date + 14 Days) (*.INI) | |
| $Zeit | System time | |

*INI=These values can be edited via the protel.ini file.

Zdat1 and Zdat2 are controlled in **protel.ini** via:

[Invoice]

ZDat1=x Days (Code Term = Date of the day + x) (Default 7)

ZDat2=x Days (Key Term = Date of the day + x) (Default 14)

VAT Codes:

For performance reasons, you can specify the number of VAT codes to be replaced in the protel.ini file. For example, if the hotel does not need more than 2 codes, you may enter the following parameter:

[Invoice] MaxMwStSatz=2 "(Default 5) should be entered"

The following codes will replace every single term in the invoice:

Code	Description	Version
$Anz	Number of postings	
$Belastung	Total amount of charges (Number x unit price)	
$Betrag	Total amount	
$Betrag2	Total amount of a second currency which has to be shown on the invoice	
$Epreis	Unit price (gross)	
$Enetloc	Unit price (net)	
$ENetLoc2	Total amount of a second currency which has to be shown in the invoice.	
$etaxes	VAT amount of each single unit Please consider possible differences to the total amount of the VAT by rounding while calculating.	
$ETaxes2	VAT taxes amount for 2. Currency.	
$GuestName	Name of the guest at the moment of posting	
$Kasse	Number of active cash register when posting is made	
$LArrival	(Only SQL) Date of arrival of the guest of posting	
$LDatum	Date of posting the charge	
$LDeparture	(Only SQL) Date of arrival of the guest of posting	
$LNights	(Only SQL) Date of nights of the guest of posting	
$LResNo	Confirmation number reservation	
$MwSt	Amount of tax per single charge	

$MwStSatz	Tax set for charge	
$netloc	Total net amount of charges (Number x unit price net)	
$ResRoom	Room number of guest to whom the invoice will be issued	
$Seite	Page number	
$Subtotal, $Subtotal1	Shows the current balance of each posted row	
$taxes	Vat amount of eavh item Please consider possible differences to the total amount of the VAT by rounding while calculating.	
$Text	Posting text / TAA text	
$Uebertrag	Amount carried over to the next page	
$Uebertrag2	Amount of $Betrag2 carried over to the next page	
$Zahlung	Sum of a Payment	
$ZahlungNeg	$Zahlung with opposite sign (special function for Romania)	
$ZahlungNeg2	$Zahlung2 (payment in foreign currency) with opposite sign (special function for Romania)	
$ZiNr	Room number of the guest at the moment of posting	
$ZusText	Additional text of posting	

Parameters:

With the following entries you can change the appearance of the invoice within the form. You should enter them at the end of the invoice.

AnzPosten

Amount of posted charges on the 1st page until form feed

AnzPosten2

Amount of posted charges on the 2nd page to the last page until form feed

MaxText

Restriction of the posting text to a specified number of characters. (to avoid columns becoming too full)

MaxZusatzText

The same like MacText, but referring to the additional text ($ZusText)

The following replacement codes have been developed for invoices showing a second currency, which is specified by the entry below.

Example:

[Currency2{EUR}]

Code	Description	Version
$Betrag2	Total amount	
$Epreis	Unit price	
$MWST21, $Mwst22, …	Value added tax (VAT) in percent	
$Mwstbetrag21, $Mwstbetrag22, …	Value added tax (VAT) amount	
$Mwstbrutto21, $Mwstbrutto22, ..	Amount including VAT (gross amount)	
$Mwstnetto21, $Mwstnetto22, …	Amount without VAT (net amount)	
$Sumbelast2	Sum of postings	
$Summe2	Open balance	
$Sumzahl2	Sum of payments	
$Taxbetrag21, $Taxbetrag22, …	Local tax in the second currency	

Email template for sending invoices

These codes can be inserted in all parts oft he form and are replaced once only.

Code	Description	Version
$Arrival	Inserts the arrival date.	2019.20.208
$Confirmationnumber	Inserts the confirmation number.	2019.20.208
$Departure	Inserts the departure date.	2019.20.208
$Firstname	Inserts the first name of the arriving guest.	2019.20.208
$Hotelname	Inserts the name of the current MPE hotel.	2019.20.208
$Lastname	Inserts the last name of the arriving guest.	2019.20.208
$NameEmailReceipient	Inserts the name of the email recipient.	2019.20.208
$NameInvoiceReceipient	Inserts the name of the invoice recipient.	2019.20.208
$PersonalSalutation	Inserts the personal salutation of the arriving guest.	2019.20.208
$PersonalSalutationEmailReceipient	Inserts the personal salutation of the email recipient.	2019.20.208
$PersonalSalutationInvoiceReceipient	Inserts the personal salutation of the invoice recipient.	2019.20.208
$Reservationnumber	Inserts the protel reservation number (buchnr/leistacc).	2019.20.208
$Salutation	Inserts the salutation of the arriving guest.	2019.20.208
$User	Inserts the name of the currently logged in user.	2019.20.208
$Userdepartment	Inserts the department of the currently logged in user.	2019.20.208

Reminder forms

These codes can be inserted anywhere in the form and will only be replaced once.

Code	Description	Version
$Add1 bis $Add9 und $AddA, $AddB	Address field from guest profile (each type of guest profile can contain different information - guest, company,...).	
$Anrede	Salutation from the guest profile (Mr. / Mrs.)	
$Datum	protel date	
$email	Invoice recipient's email address	2014.18.200
$glmhotel	MPE-Hotel	
$PersAnrede	Salutation from the guest profile with a comma	
$PersAnrede1	Salutation from the guest profile without a comma	2019.20.205
$Ref	Reference text or invoice number	
$Resname	Name of recipient	2012.15.874
$Resvorname	First name of recipient	2012.15.874
$Resanrede	Salutation of recipient	2012.15.874
$Resstrasse	Street as provided in reservation	2012.15.874
$ResPLZ	Zip code as provided in reservation	2012.15.874
$ResOrt	Recipients place of residence	2012.15.874
Date of birth	Recipients date of birth	2012.15.874
$Seite	Page number	
$TaxNo	Tax number from the guest profile	
$Zeit	Time of printing (system time)	

The following codes will replace every single term in the reminder text:

Code	Description	Version
$Age	Number of days since the balance has been due (days since the invoice has been compiled)	
$Balance	Difference between invoice amount and payment	
$Bediener	Registered users	
$Betrag	Amount of claim	
$Comment	Note from the debtor administration	
$Curr	Currency of debt	
$FallDat	Date of next reminder	
$Fsumme	Total amount of $Summe with currency code	
$Fsumme2	Total amount of $Summe	
$FWBetrag	Amount of open debt when diverging from local currency	

$Mahndat	Date of reminder, date of amount due	
$Mahnstufe	Reminder levels (0-6)	
$Name	Name of the guest from the reservation	
$Paid	Amount of payment	
$Rdatum	Date of respective claim	
$Rechnr	Invoice number	
$Summe	Total amount of $Betrag with currency code	
$Summe2	Total amount of $betrag	
$Uebertrag2	Amount caried over without currency code	
$WBalance	Difference between invoice amount and payment(both in foreign currency)	
$Wbetrag	Amount of open debt when diverging from local currency	
$WPaid	Currency of payment	
$Zahlart	Original method of payment of the claim (Debtor…)	

Debtor payment document

Default-Codes

Code	Description	Version
$Datum	protel Date	
$Zeit	protel system time	
$Kasse	Number of active cash register when posting is made	
$Anrede	Guest salutation	
$Fax	Telefax number from the guest profile	
$Add1 ….	Address field from the guest profile	
$CopyText	Can only be used if $printcopy exists! Settings in the protel system data are necessary to do this; protel Support will do this for you.	
$Posten	Amount of item	
$Uebertrag	Amount carried over to the next page	
$Anzposten	Number of items	
$Base	Currency used for payment	
$Ref	Reference number	
$Seite	Page of invoice (raised automatically for the next page)	
$PersAnrede	Salutation from the guest profile	
$User	User name	
$UserDepartment	Department of user as configured in the user administration	

For Payment:

Code	Description	Version
$PayOffMOP	Method of payment used	
$PayOffText	Text of posting	
$PayOffAmount	Amount of posting	
$PayOffDate	Posting date	

For each paid off receivable:

Code	Description	Version
$RDatum	Date of invoice	
$Name	Guest name	
$Zahlart	Method of payment	
$Curr	Currency of paid off receivable	

$Balance	Difference between invoice amount and payment	
$Paid	Amount of payment	
$Betrag	Amount of claim	
$ResRef	Reservation number	
$Summe	Total amount of $Betrag with currency code	

For payment documents:

Code	Description	Version
$DebName	Name of hotel	2020.21.002
$DebStreet	Street of hotel	2020.21.002
$DebBuilding	Building of hotel	2020.21.002
$DebPostcode	Postcode/ZIP code	2020.21.002
$DebTown	Location (town) of hotel	2020.21.002
$DebCountry	Location (country) of hotel	2020.21.002
$QR_IBAN	Account number (IBAN) of hotel	2020.21.002
$AddInfo	Additional information about the invoice recipient	2020.21.002
$BillInfo	Additional information about the invoice	2020.21.002
$EBillInfo	Additional information about the electronic invoice	2020.21.002
$Amount	Invoice amount	2020.21.002
$SwissQRCode	QR code	2020.21.002

Exchange receipt

These codes can be inserted anywhere in the form and will only be replaced once. They can be accessed by the Cheque / Currency Exchange function

Code	Description	Version
$Abreise	Departure date of the selected reservation	
$Anrede	Salutation	
$Anreise	Arrival date of the selected reservation	
$CashOUt	Amount without commission cash-out	
$cic	Check-in counter number	
$Commission	Sum of commission	
$CommissionPC	Commission in percent	
$CustomerId	Internal number of guest profile	
$Date	protel date	
$en.AmountInWords	Amount paid in words	
$en.AmountInWordsDecimals	Amount paid in words, decimal places	
$Fax	Telefax number taken from the guest profile	
$FibuDeb	Sales ledger number from guest profile	
$From	Method of payment - cash out	
$Fromamount	Cash out	
$FromAmount1	Cash out before commission was deducted	
$FromCurr	Currency cash out	
$FromExRate	Exchange rate - cash out	
$KundenNr	Profile number of the selected guest profile	
$Member	Member number of the guest profile	
$Name	Chosen name from reservation or manually entered name	
$Nationality	Nationality	
$Notiz1	Note 1 from reservation	
$Notiz2	Note 2 from reservation	
$Passwd	Password for guest profile	
$ref	Reference number	
$RefCounter	Document number for MPE	
$ResRef	Confirmation number	
$Room	Room number	
$RoomType	Room type	
$Text	Text from the currency exchange dialogue	

$Time	System time	
$To	Method of payment selected in the registered	
$ToAmount	Amount, entered by means of the register	
$ToCurr	Method of payment selected in the register	
$ToExRate	Exchange rate selected in the register	
$TravelDoc	Number of travel document	
$TravelDocissued	Travel document's place of issue	
$TravelDocissuedDate	Travel document's date of issue	
$TravelDocType	Travel document	
$TravelDocValid	Travel document valid until	
$User	User	

Commission forms

These codes can be inserted anywhere in the form and will only be replaced once.

Code	Description	Version
$Add1 - $add12	Address field from guest profile (each type of guest profile can contain different information - guest, company,...).	
$Abreise	Departure date	
$Anreise	Arrival Date	
$Betrag	Amount of commission payment	
$BetragPlusTaxEx	Amount + Tax1 + Tax2	
$Curr	Currency	
$email	Email address from the commission recipient's profile	
$fax	Fax number from the commission recipient's profile	
$Gastname	Name of the guest from the reservation	
$Persanrede	Salutation	
$Summe	Total of commission payment	
$SummePlusTaxEx	Total of all commissions + Total Tax 1 + Total Tax 2	
$Tax1Ex	Tax 1 in local currency (if existing)	
$Tax2Ex	Tax 2 in local currency (if existing)	
$Umsatz	Total amount of commissionable sales	
$Wbetrag	Amount in currency	

For the replacement of all reservations that have to be settled, you will have to set the replacement codes within the "Post" area.

Example:

 [Posten{$Anreise $Abreise ....

}]

Banquet forms

(protel internal word processing High Edit / Microsoft Word)

The following are only valid in the protel **Banqueting Module**, which needs to be set-up as an additional programming element in protel HMS. Various modes will be made available:

- ▼ Single: Takes all specified rooms for the event
- ▼ Summerize: Summerizes all details of the event
- ▼ Confirmation: Details for the confirmation

Single mode:

Code	Description	Version
$vo $vb $vt	Event course (from / to / text)	

Confirmation and "Single" mode:

Code	Description	Version
$abt $vmess	Departments and text	
$vmed $vmanz $vmv $vmb	Media quantity, from, to	

Summerize mode:

Code	Description	Version
$va1 $vm1, $va2 $vm2, …	Quantity and media	
$vdv1 $vdb1 $vtx1 $vtl1 $vdv2 $vdb2 $vtx2 $vtl2 …..	Event course (from / to / text / members)	
$vl1 $vx1, $vl2 $vx2, …	Department and text	
$vtxx1, $vtxx2	Enhanced text from event course	
$vy1 $vz1 $vy2 $vz2	$vy1 will be replaced by the name of the department with the sort code 1 $vz1 will be replaced by the department note with the sort code 1……. respectively $vy/$vz2, $Vy3/Vz3 …	

For all modes:

Code	Description	Version
$MedExText	Text export from the "Additional text" field	

$vad	Global end date for a multi-day event	
$vadl	Global end date for a multi day even (log date format)	2013.17.119
$vadn	Weekday of the global end date for a multi-day event	
$vaname	Event name	
$vant	Name of day the event takes place	
$vanz	Number of members	
$vart	Type of event	
$vat	End time of a multi-day event.	
$vbis	End time of event	
$vdatum	Date of event	
$vdzp	Rate for double room	
$vezp	Rate for single room	
$vglob	Global event name	
$vglob1	2nd global event name	
$vid	Global start date for a multi-day event	
$vidl	Global start date for a multi-day event (long date format)	2013.17.119
$vidn	Weekday of the global start date for a multi-day event	
$vit	Total start time for a multi-day event	
$vkto	Transaction account number	
$vla	Total posted charge	
$vlbez	Name of transaction account	
$vldate	Date of posting banquet service	8.517
$vlges	Total multiplied with the price of the individual charges	
$vlpr	Single price of the posted charge	
$vlsges	Total of all posted charges	
$vlzus	Total of all posted charges	
$vmemo	Memo text from details	
$vnr	VA number = local ResNr	
$vopt	Optional date of event	
$vrabt	Department of invoice recipient	
$vraum	Name of banqueting room	
$vresref	Confirmation number of the entire event taken from the (ConfNo) confirmation number	
$vrfax	Fax number of invoice recipient	
$vrinfo	Remarks entered in system data for setup and the number of members	
$vrkta	Salutation of contact person from guest profile of invoice recipient	
$vrktk	Name of contact person from the guest profile of invoice reipient	

$vrktv	First name of contact merson from the guest profile of invoice recipient	
$vrname	Name of invoice recipient	
$vrname2	Name of invoice recipient	
$vrort	City of invoice recipient	
$vrplz	Zip code of invoice recipient	
$vrtaxNo	Tax number 1 from the guest profile	
$vrtaxNo2	Tax number 2 from the guest profile	
$vrtelefon	Telephone number of invoice recipient	
$vrvorname	First name of invoice recipient	
$vsetup	Setup	
$vstat	Reservation status of event	
$vvon	Start time	
$Y008 / $y009	Post office box and zip code for event organizer	
$y011	Last name of contact person for invoices	
$y012	First name of contact person for invoices	
$y013	Salutation of contact person for invoices	
$y014	Telephone number of contact person for invoices	
$y024	Name 1 of contact person	
$y025	Street 1 from contact profile	
$y026	First name of contact person	
$y027	Telephone number of contact person	
$y028	Zip code from contact profile	
$y029	City from contact profile	
$y030	Postbox from contact profile	
$y031	Zip code of contact profile	
$y032	Fax number of contact profile	
$y033	Last name of the contact person for reservations from the contact profile	
$y034	First name of the reservation contact person from the contact profile	
$y035	Salutation of the reservation contact person from contact profile	
$y036	Info of the reservation contact person from contact profile	
$y037	Personal salutation of the reservation contact person from contact profile	
$y038	Department of contact profile	
$y039	Name of the invoice contact person from contact profile	
$y040	First name of the invoice contact person from contact profile	
$y041	Salutation of the invoice contact person of contact profile	
$y042	Info of the invoice contact person from the contact profile	

$y043	Personal salutation of the invoice contact person of contact profile	
$y047	Name of customer	
$y051	Name of transaction account	
$y052	Unit price	
$y053	Price	
$y054	Currency	
$y055	Number	
$y056	Short name taken from the charges overview of the event	
$y057	Additional text taken from the charges overview of the event	
$y058	Total multiplied by the price of the individual rate	
$y059	Date	
$y060	Total rate per service block	
$y062	Tax number 1 (from the guest profile, "Personal Data" tab)	
$y063	Tax number 2 (from the guest profile, "Personal Data" tab)	
$y066	Codes for the service text	
$y081	Event date minus x days An additional setting in protel SD is necessary to do this. Please contact protel Support to do this.	
$y082	An image can be allocated in the system data for each banquet room. Conditions: HighEdit Documents: only bitmaps Word documents: only formats which are supported by Microsoft Word (function: insert/picture). The images must be placed into the protel file <protel>\bilder.	
$y085	Salutation from the contact profile	10.845

User defined fields and codes

Use the following replacement codes to add information from user defined fields (e.g., from guest profiles, reservation dialogs or navigator) to a variety of forms. Learn more about how to create and deploy user defined fields and codes in our user manual.

ACHTUNG: UDF replacement codes **do not** use underlines! (HighEdit is **unable to detect** any texts containing underlines.)

▼ XXX stands for the clear abbreviation of the user defined field that has been entered into the protel system data.

Reservation confirmation forms and profile forms

Code	Description	Version
$UDF.Agent.xxx	Value of field xxx in the travel agency profile	2008.12.100
$UDF.Company.xxx	Value of field xxx in the company profile	2008.12.100
$UDF.Group.xxx	Value of field xxx in the group profile	2008.12.100
$UDF.Guest.xxx	Value of field xxx in the guest profile	2008.12.100
$UDF.Kat.xxx	Value of xxx group for the room type	2014.18.103
$UDF.RateCode.xxx	Value of the xxx field for the rate code	2014.18.103
$UDF.Res.xxx	Value of field xxx of the reservation dialog	2008.12.100
$UDF.Source.xxx	Value of the xxx field in the source profile	2008.12.100

Invoices

Code	Description	Version
$UDF.xxx	Value of field xxx of the invoice recipient	2008.12.100
$UDF.Agent.xxx	Value of field xxx of the travel agency	2008.12.100
$UDF.Group.xxx	Value of field xxx of the group	2008.12.100
$UDF.Guest.xxx	Value of field xxx of the guest	2008.12.100
$UDF.Kat.xxx	Value of xxx group for the room type	2014.18.103
$UDF.RateCode.xxx	Value of the xxx field for the rate code	2014.18.103
$UDF.Res.xxx	Value of field xxx of the reservation dialog	2008.12.100
$UDF.Room.xxx	The user defined fields for rooms (type 5300) can be used in the invoice.	2011.14.715

Banquet confirmation forms

Code	Description	Version
$UDF.bqt.xxx	Value of field xxx of the banquet reservation	2008.12.100

Listing user defined codes

With help of the above mentioned codes, you can also create lists from the values of a selected code.

Example:

$UDF.Code1 --> lists the short descriptions of all the values to Code1

$UDFL.Code 1 --> lists the long-form of the descriptions (="Text") all values to Code 1

If no invoice recipients have been assigned to the event, the invoice recipient codes will be replaced by those of the event organizer.

protel Vouchers

Use the following replacement codes to add information to voucher forms. (Learn more about how to create and sell vouchers in our detailed user manual for protel Vouchers.

Information about the voucher buyer from the guest profile

Code	Description	Version
$Buyer.Add1	Salutation	2008.12.358
$Buyer.Add2	First and last name	2008.12.358
$Buyer.Add3	Street name and house number	2008.12.358
$Buyer.Add4	City and ZIP code	2008.12.358
$Buyer.PersAnrede	Informal salutation	2008.12.358
$Buyer.CustomerId	Customer number	2008.12.358
$Buyer.Anrede	Salutation	2008.12.358
$Buyer.Name	Last Name	2008.12.358
$Buyer.Fax	Fax number	2008.12.358

Information about the voucher recipient from the guest profile

Code	Description	Version
$Recipient.Add1	Salutation	2008.12.358
$Recipient.Add2	First and last name	2008.12.358
$Recipient.Add3	Street name and house number	2008.12.358
$Recipient.Add4	City and ZIP code	2008.12.358
$Recipient.PersAnrede	Informal salutation	2008.12.358
$Recipient.CustomerNo	Customer number	2008.12.358
$Recipient.Anrede	Salutation	2008.12.358
$Recipient.Name	Last Name	2008.12.358
$Recipient.Fax	Fax number	2008.12.358

Information about the voucher from the dialogues of the voucher module

Code	Description	Version
$Amount	Amount	2008.12.358
$Curr	Currency	2008.12.358
$Date	Sales date (date in protel)	2008.12.358

$en.AmountInWords	Amount in words (only in English!)	2008.12.358
$en.AmountInWords Decimals	Amount in words (decimal points)	2008.12.358
$Expires	Expiration date (sales date + x months)	2008.12.358
$Number	Voucher number	2008.12.358
$Ref	Voucher number	2008.12.358
$Remarks	Notes	2010.14.255
$Salesname	Sales name of voucher	2008.12.358
$Time	Sales time	2008.12.358
$User	Sales user (logged-in user)	2008.12.358
$ValidFrom	Date: Date: valid from	2008.12.358
$ValidTo	Date: Date: valid to	2008.12.358

About protel documents

Symbols used in this manual	▼ Background information and notifications about additional information ▼ Please note: Important!
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