

Hotel Room Prepayment, Single-use and Direct Billing Options Travelport Worldspan Classic API – Worldspan D.I.R. Passenger Name Record Create and Modify Message Enhancements

Developer Advisory Number:	502				
Version:	01				
Load To Production:	21-Oct-14	06:00	EDT	10:00	GMT
High Level Description:	Enhance current Worldspan D.I.R. Hotel Sell to allow payment solutions of, Prepayment (PAY) indicator, Single-use credit card (*SU) and Direct Billing (DBL) options.				
Impact Summary:	Worldspan D.I.R. PNR message customers must develop according to this document in order to apply and receive the new "Direct Billing" (DBL) payment option.				
Reason For Issue:	First notification				
Customer Impact:	<input type="checkbox"/>	Internal Only	<input checked="" type="checkbox"/>	Developers	
	<input checked="" type="checkbox"/>	Agency Customers	<input type="checkbox"/>	Airline Customers	
	<input checked="" type="checkbox"/>	eCommerce Customers	<input checked="" type="checkbox"/>	Car, Hotel, Rail or Cruise Customers	
System:	<input type="checkbox"/>	Galileo	<input type="checkbox"/>	ACH	
	<input type="checkbox"/>	Apollo	<input type="checkbox"/>	RCH	
	<input checked="" type="checkbox"/>	Worldspan	<input type="checkbox"/>	Travelport Rooms and More	
	<input type="checkbox"/>	AXESS	<input type="checkbox"/>	Merchandising	
Load To Copy:	Available Now				
Web Services: (API and Messaging)	Web Service/API must develop in order to process the new "Direct Billing" (DBL) pre-payment option in the PNR messages.				
Issue History:	Version 01				

Overview

Travel Agents (TA) and Travel Management Companies (TMC) need to provide service that extends beyond reservations to include the handling of payments in scenarios where guests do not carry credit cards and/or prefer to pay the TMC or TA in advance for hotels stay and other services. These scenarios are not supported by the typical guarantee or deposit to credit card, since they require that all payment for room rates be made against the card on record, and often well in advance of guest check-in.

The two enhancements are:

1. Charge hotel stay against the card in the reservation
2. Charge the card immediately after confirming the hotel reservation

These two requirements can be assumed to be mutually inclusive, since in order to make an advance purchase the card on record must be used, or a method of payment must be conveyed externally from the hotel booking. The assumption is that an active segment with a new pre-payment indicator (PAY) in addition to complete credit card information is all that is required to trigger the desired reservation and payment transaction.

The current Worldspan D.I.R. Passenger Name Record Action (PNRA) message with hotel sell (B10A.B10) will be enhanced to include a “Pre-payment” (PAY) parameter within the current hotel payment with credit card guarantee option. This “PAY” option must be accepted by end hotel supplier for processing, else an error is returned by the supplier.

Some credit card companies are now generating “Single Use” account numbers for customers to use online for security purposes. This option is now identified by appending a “*SU” to the account information in the guarantee credit card payment. This option prevents the specified credit card number from being used for any other purpose. This option must be accepted by end hotel supplier for processing, else an error is returned by the supplier.

Hotel suppliers will set up a “Direct Bill Agreement” with Worldspan (1P) customers who then will have the option to include a “Direct Bill” (DBL) payment option in the hotel booking. This option must be accepted by end hotel supplier for processing, else an error is returned by the supplier.

Customer Benefit

- More hotel booking payment options
- Added security for customers with Single Use option

Detail and Customer Examples

The following sections will demonstrate use of the new Pre-payment (PAY) flag within the current hotel booking guarantee payment with credit card field as well as appending the “Single Use” (*SU) which is added to the current D.I.R. hotel booking guarantee credit card payment.

A new Direct Billing (DBL) option section demonstrates the new “DBL” node in the DIR PNRA Hotel Booking (B10A.B10) diagram, data description and a message example of how it is applied to the message.

D.I.R. Create new Passenger Name Record (PNR) with Hotel Booking, Payment Options

The following payment options: Prepayment, Single Use option and Direct Billing follow.

Travelport Worldspan System Agent Input – Guarantee with Prepayment (PAY) Option

Prepayment:	Input Example
Prepayment	/G- PAY CCMC1234567890123456EXP12-14

Travelport Worldspan System D.I.R. Input – Guarantee with Prepayment (PAY) Option

NOTE: D.I.R. will append the new “PAY” parameter at the beginning of the current hotel booking (B10A.B10...) Guarantee (G) node today.

```
PNRA.B10A.B10.BS{7654321}
PNRA.B10A.B10.F{RT NVPAR201407120140980201}
PNRA.B10A.B10.G{PAYCCMC1234567890123456EXP12-14}
PNRA.B10A.B10.NM{TODD TESTDUDE}
PNRA.B10A.B10.R{A1DRA3}
```

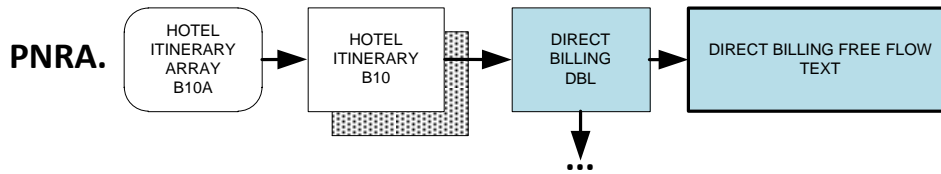
Travelport Worldspan System Agent Input – Guarantee with Prepayment (PAY) and Single-use Option

Prepayment:	Input Example
Single-use (SU) Prepayment with credit card and expiration code	G- PAY CCMC1234567890123456EXP12-14 *SU

NOTE: D.I.R. will append the new “PAY” parameter at the beginning of the current hotel booking (B10A.B10...) Guarantee (G) and add the “*SU to the end of the input when passed to the Worldspan (1P) system for processing.

```
PNRA.B10A.B10.BS{7654321}
PNRA.B10A.B10.F{RT NVPAR201407120140980201}
PNRA.B10A.B10.G{PAYCCMC1234567890123456EXP12-14*SU}
PNRA.B10A.B10.NM{TODD TESTDUDE}
PNRA.B10A.B10.R{A1DRA3}
```

**Travelport Worldspan System D.I.R. PNR Action Message Diagram and Data Description Table
 Book Hotel (B10A.B10C) with Direct Billing (/DBL) Option**



PNRA.B10A.B10.DBL

Direct Billing

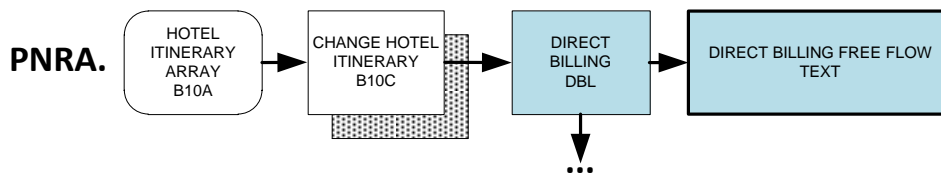
Description	Datatype	Size
Direct Bill Free Flow Text (i.e. ABC888999000) Minimum 1 up to 50 characters	VL alphanumeric	—

Prepayment:	Input Example
Direct Billing option	/DBL-567888999000

Travelport Worldspan System D.I.R. Input – Direct Billing (/DBL) Option

PNRA.B10A.B10.BS{7654321}
 PNRA.B10A.B10.F{RT NVPAR201407120140980201}
 PNRA.B10A.B10.**DBL**{567888999000}
 PNRA.B10A.B10.NM{TODD TESTDUDE}
 PNRA.B10A.B10.R{A1DRA3}

**Travelport Worldspan System D.I.R. PNR Action Message Diagram and Data Description Table
 Hotel Modify (B10A.B10C) with Direct Billing (/DBL) Option**



PNRA.B10A.B10C.DBL

Direct Billing

Description	Datatype	Size
Direct Bill Free Flow Text (i.e. ABC888999000) Minimum 1 up to 50 characters	VL alphanumeric	—

D.I.R. Passenger Name Record (PNR) Modify of Hotel Booking, Payment Options

The following sections will demonstrate modifying a current PNR with hotel segments that will be updated with new payment options: Prepayment, Single Use option and Direct Billing.

Travelport Worldspan System – Modify Hotel Segment to add “Single Use” Credit Card Guarantee

Description	Screen Input to Modify Segment	Screen Result
Modify existing hotel segment 1 with “Single Use” credit card number.	>H@1/G- CCVI4457000300000007EXP12-16*SU	Input to display itinerary: *I Output: 1 HHL RL SS01 PDX IN12SEP OUT13SEP RLJB -RL RED LION ON THE RI VER/NP-2/R-A1QAAA/RG-USD 70.20 /RD- QUEEN/BS-35165001/NM-TODD TES TDUDE/G-PAYCCVIXXXXXXXXXXXXX0007EXP12- 16/CXP-CANCEL 24HOURS PRIOR TO ARRIVAL TO AVOID PENALTY/CM-10PCT TRAVEL AGENT/CF-XJV7VY4LZ \$RL\$ GRQ-A PREPAYMENT EQUAL TO 100 OF YOUR TOTAL STAY IS REQUIRED TO CONFIRM YOUR RESERVATION TTL-80.37 USD/BAS 70.20 \$RL\$

D.I.R. PNR Action Message – Modify Hotel Segment to add “Single Use” Credit Card Guarantee

```
PNRA.F{YYM9N4DR}
PNRA.B10A.B10C.G{CCVI4457000300000007EXP12-16*SU}
```

Worldspan (1P) Displayed PNR with Modified Hotel Segment

```
1P- M9N4D4
1.1TESTDUDE/TODD.MR*ADT
1 HHL RL SS01 PDX IN12SEP OUT13SEP RLJB -RL RED LION ON THE RI
VER/NP-2/R-A1QAAA/RG-USD 70.20 /RD-QUEEN/BS-35165001/NM-TODD TES
TDUDE/G-CCVIXXXXXXXXXXXXX0007EXP12-16*SU/CXP-CANCEL 24HOURS PRIOR
TO ARRIVAL TO AVOID PENALTY/CM-10PCT TRAVEL AGENT/CF-XJV7VY4LZ
$RL$

GRQ-A PREPAYMENT EQUAL TO 100 OF YOUR TOTAL STAY IS REQUIRED TO
CONFIRM YOUR RESERVATION
TTL-80.37 USD/BAS 70.20
$RL$
P- 1.XXX816-888-1234
T- 1.T/
A-CM10
TKG FAX-NOT PRICED FARE TYPE EX
FOP- 1.CK
```

D.I.R. PNR Response Message with Modified Hotel Segment (IA.B10):

```

PNR.H{N4PSHA N1PXXX1PGSCE182520142542014286YN}
PNR.NA.NS.G{TODD.MR}
PNR.NA.NS.S{TESTDUDE}
PNR.NA.NS.F{ ADT00101}
PNR.IA.B10.RD{QUEEN }
PNR.IA.B10.GRQ{A PREPAYMENT EQUAL TO 100 OF YOUR TOTAL STAY IS REQUIRED TO
CONFIRM YOUR RESERVATION}
PNR.IA.B10.G{CCVIXXXXXXXXXXXXX0007EXP12-16*SU}
PNR.IA.B10.EF1{12SEP14}
PNR.IA.B10.CXP{CANCEL 24HOURS PRIOR TO ARRIVAL TO AVOID PENALTY}
PNR.IA.B10.CM{10PCT TRAVEL AGENT}
PNR.IA.B10.BAS{70.20}
PNR.IA.B10.CF{XJV7VY4LZ $RL$}
PNR.IA.B10.W{N}
PNR.IA.B10.NM{TODD TESTDUDE}
PNR.IA.B10.BS{35165001}
PNR.IA.B10.RG{USD 70.20 }
PNR.IA.B10.UN{0001}
PNR.IA.B10.F{01ARL12SEP2014255HK001RLJB 13SEP2014256HHL PDXRED LION ON THE
RIVER 2A1QAAA RG }
PNR.PA.PS.FF{888-555-1212/H}
PNR.PA.PS.F{T4S}
PNR.T{T/}
PNR.TF{NOT PRICED}
PNR.FT{EX}
PNR.FOP.FOPP{CA }}

```

Travelport Worldspan System – Modify Hotel Segment to add “Prepayment” and “Single Use” Credit Card Guarantee

Description	Screen Input to Modify Segment	Screen Result
Modify existing hotel segment 1 to add a credit card guarantee to “Prepay” (PAY) with a “Single Use” flag.	>H@1/G- PAY CCVI4457000300000007EXP12-16* SU <	Input to display itinerary: * Output: 1 HHL RL SS01 PDX IN12SEP OUT13SEP RLJB -RL RED LION ON THE RI VER/NP-2/R-A1QAAA/RG-USD 70.20 /RD- QUEEN/BS-35165001/NM-TODD TES TDUDE/G- PAY CCVIXXXXXXXXXXXXX0007EXP12- 16* SU /CXP-CANCEL 24HOURS PRIOR TO ARRIVAL TO AVOID PENALTY/CM-10PCT TRAVEL AGENT/CF-XJV7VY4LZ \$RL\$ GRQ-A PREPAYMENT EQUAL TO 100 OF YOUR TOTAL STAY IS REQUIRED TO CONFIRM YOUR RESERVATION TTL-80.37 USD/BAS 70.20 \$RL\$

Worldspan (1P) Displayed PNR with Modified Hotel Segment

1P- M9N4D4
 1.1TESTDUDE/TODD.MR*ADT
 1 HHL RL SS01 PDX IN12SEP OUT13SEP RLJB -RL RED LION ON THE RI
 VER/NP-2/R-A1QAAA/RG-USD 70.20 /RD-QUEEN/BS-35165001/NM-TODD TES
 TDUDE/G-**PAY**CCVIXXXXXXXXXXXXX0007EXP12-16***SU**/CXP-CANCEL 24HOURS PRIOR
 TO ARRIVAL TO AVOID PENALTY/CM-10PCT TRAVEL AGENT/CF-XJV7VY4LZ
 \$RL\$

GRQ-A PREPAYMENT EQUAL TO 100 OF YOUR TOTAL STAY IS REQUIRED TO
 CONFIRM YOUR RESERVATION
 TTL-80.37 USD/BAS 70.20
 \$RL\$
 P- 1.XXX816-888-1234
 T- 1.T/
 A-CM10
 TKG FAX-NOT PRICED FARE TYPE EX
 FOP- 1.CK

D.I.R. PNR Action Message – Modify Hotel Segment to add “Prepayment” and “Single Use” Credit Card Guarantee

PNRA.F{YYM9N4D4}
 PNRA.B10A.**B10C.G**{**PAY**CCVI4457000300000007EXP12-16***SU**}

D.I.R. PNR Response Message with Modified Hotel Segment (IA.B10):

PNR.H{N4PSHA N1PXXX1PGSCE182520142542014286YN}
 PNR.NA.NS.G{TODD.MR}
 PNR.NA.NS.S{TESTDUDE}
 PNR.NA.NS.F{ ADT00101}
 PNR.IA.B10.RD{QUEEN }
 PNR.IA.B10.GRQ{A PREPAYMENT EQUAL TO 100 OF YOUR TOTAL STAY IS REQUIRED TO
 CONFIRM YOUR RESERVATION}
 PNR.IA.B10.G{**PAY**CCVIXXXXXXXXXXXXX0007EXP12-16***SU**}
 PNR.IA.B10.EF1{12SEP14}
 PNR.IA.B10.CXP{CANCEL 24HOURS PRIOR TO ARRIVAL TO AVOID PENALTY}
 PNR.IA.B10.CM{10PCT TRAVEL AGENT}
 PNR.IA.B10.BAS{70.20}
 PNR.IA.B10.CF{XJV7VY4LZ \$RL\$}
 PNR.IA.B10.W{N}
 PNR.IA.B10.NM{TODD TESTDUDE}
 PNR.IA.B10.BS{35165001}
 PNR.IA.B10.RG{USD 70.20 }
 PNR.IA.B10.UN{0001}
 PNR.IA.B10.F{01ARL12SEP2014255HK001RLJB 13SEP2014256HHLDPDXRED LION ON THE
 RIVER 2A1QAAA RG }
 PNR.PA.PS.FF{888-555-1212/H}
 PNR.PA.PS.F{T4S}

```
PNR.T{T/}
PNR.TF{NOT PRICED}
PNR.FT{EX}
PNR.FOP.FOPP{CA }
```

Travelport Worldspan System – Modify Hotel Segment to add “Direct Billing” Code

Description	Screen Input to Modify Segment	Screen Result
Modify existing hotel segment 1 to add a direct billing	>H@1/ DBL-ABCD123456789	<p>Input to display itinerary: * </p> <p>Output: 1 HHL RL SS01 PDX IN12SEP OUT13SEP RLJB -RL RED LION ON THE RI VER/NP-2/R-A1QAAA/RG-USD 70.20 /RD- QUEEN/BS-35165001/NM-TODD TES TDUDE/DBL-ABCD123456789/CXP-CANCEL 24HOURS PRIOR TO ARRIVAL TO AVOID PENALTY/CM-10PCT TRAVEL AGENT/CF-XJV7VY4LZ \$RL\$</p>

Worldspan (1P) Displayed PNR with Modified Hotel Segment

```
1P- M9N4D4
1.1TESTDUDE/TODD.MR*ADT
1 HHL RL SS01 PDX IN12SEP OUT13SEP RLJB -RL RED LION ON THE RI
VER/NP-2/R-A1QAAA/RG-USD 70.20 /RD-QUEEN/BS-35165001/NM-TODD TES
TDUDE/DBL-ABCD123456789/CXP-CANCEL 24HOURS PRIOR
TO ARRIVAL TO AVOID PENALTY/CM-10PCT TRAVEL AGENT/CF-XJV7VY4LZ
$RL$
```

D.I.R. PNR Action Message – Modify Hotel Segment to add “Single Use” Credit Card Guarantee

```
PNRA.F{YYYYXXXX}
PNRA.B10A.B10C.DBL{ABCD123456789}
```

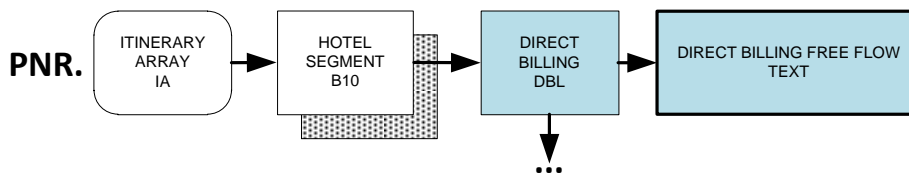

D.I.R. PNR Response Message with Modified Hotel Segment (IA.B10):

```
PNR.H{N4PSHA N1PXXX1PGSCE182520142542014286YN}
PNR.NA.NS.G{TODD.MR}
PNR.NA.NS.S{TESTDUDE}
PNR.NA.NS.F{ ADT00101}
PNR.IA.B10.RD{QUEEN }
PNR.IA.B10.GRQ{A PREPAYMENT EQUAL TO 100 OF YOUR TOTAL STAY IS REQUIRED TO
CONFIRM YOUR RESERVATION}
PNR.IA.B10.DBL{ABCD123456789}
PNR.IA.B10.EF1{12SEP14}
PNR.IA.B10.CXP{CANCEL 24HOURS PRIOR TO ARRIVAL TO AVOID PENALTY}
PNR.IA.B10.CM{10PCT TRAVEL AGENT}
PNR.IA.B10.BAS{70.20}
PNR.IA.B10.CF{XJV7VY4LZ $RL$}
PNR.IA.B10.W{N}
PNR.IA.B10.NM{TODD TESTDUDE}
PNR.IA.B10.BS{35165001}
PNR.IA.B10.RG{USD 70.20 }
PNR.IA.B10.UN{0001}
PNR.IA.B10.F{01ARL12SEP2014255HK001RLJB 13SEP2014256HHL PDXRED LION ON THE
RIVER 2A1QAAA RG }
PNR.PA.PS.FF{888-555-1212/H}
PNR.PA.PS.F{T4S}
PNR.T{T/}
PNR.TF{NOT PRICED}
PNR.FT{EX}
PNR.FOP.FOPP{CA }
```

D.I.R. Passenger Name Record (PNR) Retrieve Message with Hotel Booking, Payment Options

The following sections demonstrate the PNR Retrieve (PNRQ) Message with payment options: Prepayment, Single Use and Direct Billing.

**Travelport Worldspan System D.I.R. PNR Retrieve Message Diagram and Data Description Table
 Hotel Segment (B10A.B10) with new Direct Billing (/DBL) Option**



PNRA.B10A.B10.DBL

Direct Billing

Description	Datatype	Size
Direct Bill Free Flow Text (i.e. ABC888999000) Minimum 1 up to 50 characters	VL alphanumeric	—

Worldspan (1P) Displayed PNR with Hotel Segment with Direct Bill Option

1P- M9N4D4
 1.1TESTDUDE/TODD.MR*ADT
 1 HHL RL SS01 PDX IN12SEP OUT13SEP RLJB -RL RED LION ON THE RI
 VER/NP-2/R-A1QAAA/RG-USD 70.20 /RD-QUEEN/BS-35165001/NM-TODD TES
 TDUDE/**DBL-ABCD123456789**/CXP-CANCEL 24HOURS PRIOR
 TO ARRIVAL TO AVOID PENALTY/CM-10PCT TRAVEL AGENT/CF-XJV7VY4LZ
 \$RL\$
 P- 1.XXX816-888-1234
 T- 1.T/
 A-CM10
 TKG FAX-NOT PRICED FARE TYPE EX
 FOP- 1.CK

D.I.R. PNR Retrieve Message

PNRQ.F{YYM9N4D4}

D.I.R. PNR Retrieve Response Message with Hotel Segment (IA.B10) with Direct Bill Option:

PNR.H{N4PSHA N1PXXX1PGSCE182520142542014286YN}
 PNR.NA.NS.G{TODD.MR}
 PNR.NA.NS.S{TESTDUDE}
 PNR.NA.NS.F{ ADT00101}
 PNR.IA.B10.RD{QUEEN }
 PNR.IA.B10.GRQ{A PREPAYMENT EQUAL TO 100 OF YOUR TOTAL STAY IS REQUIRED TO
 CONFIRM YOUR RESERVATION}
 PNR.IA.B10.**DBL{ABCD123456789}**
 PNR.IA.B10.EF1{12SEP14}
 PNR.IA.B10.CXP{CANCEL 24HOURS PRIOR TO ARRIVAL TO AVOID PENALTY}
 PNR.IA.B10.CM{10PCT TRAVEL AGENT}
 PNR.IA.B10.BAS{70.20}
 PNR.IA.B10.CF{XJV7VY4LZ \$RL\$}
 PNR.IA.B10.W{N}
 PNR.IA.B10.NM{TODD TESTDUDE}
 PNR.IA.B10.BS{35165001}
 PNR.IA.B10.RG{USD 70.20 }
 PNR.IA.B10.UN{0001}
 PNR.IA.B10.F{01ARL12SEP2014255HK001RLJB 13SEP2014256HHLDPDXRED LION ON THE
 RIVER 2A1QAAA RG }
 PNR.PA.PS.FF{888-555-1212/H}
 PNR.PA.PS.F{T4S}
 PNR.T{T/}
 PNR.TF{NOT PRICED}
 PNR.FT{EX}
 PNR.FOP.FOPP{CA }

Errors

If an attempt to use the Prepayment (PAY) option or the Single-use (*SU) option and the hotel supplier do not support it, the following errors will be returned to end user in the current DIR Error Structure (/ERR.ERS...)

```
PNR./ERR.ERS.KEY{PNRA.B10A.B10}
PNR./ERR.ERS.TXT{*AP /G-PAYCC NOT SUPPORTED FOR CP}
PNR./ERR.ERS.COD{1100501228}
PNR./ERR.ERS.KEY{PNRA.B10A.B10}
PNR./ERR.ERS.TXT{*AP SINGLE-USE CARD NOT SUPPORTED FOR CP}
PNR./ERR.ERS.COD{1100502281}
```

When a customer attempts to book a hotel does not include a guarantee or prepayment and prepayment is required, then the following error is returned to the end customer to supply it in another request.

D.I.R. PNR Create with a Hotel Booking Message:

```
APN0 Has 02 Parts and total length of 200
PNRA.B10A.B10.BS{3516500}
PNRA.B10A.B10.F{RL RLJB 201425520142560201}
PNRA.B10A.B10.NM{TODD TESTDUDE}
PNRA.B10A.B10.R{A1QAAA}
PNRA.RED{A}
```

D.I.R. PNR Create with a Hotel Booking Message:

```
APN0 Has 1 Parts and total length of 197
PNR./ERR.ERS.KEY{PNRA.B10A.B10}
PNR./ERR.ERS.TXT{PREPAID REQUIRED PLEASE CORRECT $RL$}
PNR./ERR.ERS.COD{0000501046}
```

Glossary

Term	Definition
D.I.R.	Data Interface Record. Structured message used to communicate with Travelport Worldspan system.

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