DealerSocket Certified Partners Deal Push

The DealerSocket Certified Partners (DCP) program is intended to provide integration points between DealerSocket and partners, such as DMS vendors and fulfillment centers. The DCP Deal Push allows dealership users to push deal data (Customer/Buyer, CoBuyer, Sales, Vehicle of Interest, and Trade info) from DealerSocket CRM to the partner's application. This is a one-way push.

Before dealerships can push their data, our certification process must verify that the partner can receive and process the XMLs and that DealerSocket receives the expected Responses.

Notes: The term vendor is used throughout the remainder of this document to refer to both DMSs and third party vendors.

Security Permissions

Communications with the vendor take place via HTTP post using SSL. DealerSocket can also send a user name and password through basic authentication.

Workflow

Step 1: Vendor provides endpoint for receipt of XML

This endpoint must be HTTPS. Once DealerSocket receives this information from the vendor, the vendor can be configured in the DealerSocket system.

> Supported Payload Types:

- ADF 1.0
- DealerSocket Proprietary XML
- STAR RetailDeliveryReporting BOD (versions 5.5.4, 5.6.4, 5.7.3, 5.7.4, 5.8.2, 5.8.3)

Step 2: DealerSocket provides dealership account information (DealerSocket ID) to vendor for each dealership using the integration

When the vendor receives this information from DealerSocket, the vendor sets up a cross reference on its side to match to its own ID (Vendor ID) for the dealership. When deal information is pushed to the vendor, the DealerSocket ID is included in the XML path DealPushVoV1/IntegrationMapping/DMSDealer.

Step 3: Sales Deal data is pushed to vendor

From DealerSocket CRM, the user clicks "Post to DMS". This opens a connection to the vendor's end point, sends XML as an HTTP Post, gets the response from the vendor (explained below), and closes the connection. The code used to transmit the file is essentially as follows:

```
WebRequest request = WebRequest.Create(URL);
request.Method = "POST";
request.ContentType = "text/xml";
request.ContentLength = postString.Length;
request.Timeout = timeout;
request.Credentials = new NetworkCredential(username, password);
```

```
using (var streamWriter = new StreamWriter(request.GetRequestStream()))
{
    streamWriter.Write(postString);
    streamWriter.Flush();
    streamWriter.Close();
}
```

Step 4: Vendor sends Response Object to DealerSocket

The response indicates whether the push was successfully accepted by the vendor. The vendor can pass specific messaging to display to the user in the case of a failure. See the Response Object section for more details.

- **Standard WorkNote entry is added to the DealerSocket Sales Event with the Push results (Success/Failure/Error codes)**

  Sample Success:

  > **2/27/2012 2:27:30 AM;**
  > This Deal was pushed to your Dealer Management System (123456)

- **(Optional) Deal # is returned from vendor**

  The vendor returns a Deal ID in the Response. The DealerSocket Sales Event displays this Deal ID.

- **Vendor returns Customer ID if new customer was created in the vendor system**

  If the vendor returns a Customer ID in the Response, DealerSocket adds this value to the customer record. DealerSocket uses the Customer ID when communicating with the vendor about the customer in the future. If the data is pushed to an intermediary and not the DMS, there is no need to return the Customer ID as we are expecting this to be the customer's DMS ID.

Deal Push Objects and XML Samples

DealerSocket Proprietary Object and XML Samples

XML Nodes	Data Type	Notes
Deal	DealPushVOV1	
Buyer	CustomerVO	
CoBuyer	CoBuyerVO	
IntegrationMapping	IntegrationMappingVOV1	
Vehicle	VehicleVO	
Trades	TradeVehicleVO	
CashDown	decimal	Down payment or Drive Off
DealNumber	string	If available (re-push)
DealType	string	"Cash" or "Lease"
LenderDmsID	string	Lender DMS ID; could be different depending on DealType
SalesPerson1DmsID	string	DMS ID for Sales Person 1
SalesPerson2DmsID	string	DMS ID for Sales Person 2
Buyer	CustomerVO	
Address1	string	Customer Address Line 1

XML Nodes	Data Type	Notes
Address2	string	Customer Address Line 2
Birthday	DateTime	Customer Birthday
CellPhone	string	Customer Mobile phone number
City	string	Customer City
CompanyName	string	Customer company name if applicable
ContactSubType	string	Additional Contact identification information
ContactType	string	If EntityType = "Person'" then "Prospect," "Customer," "Employee," "Vendor," "Partner" If EntityType = "Business," then "Prospect," "Customer," "Vendor," "Partner"
CountryCode	string	Customer Country Code – two characters
DmsID	string	Customer vendor ID if available (existing customer)
DriversLicense	string	Customer Drivers License (no State)
Email1	string	May be more than one email address, separated by semicolons
EntityType	string	"Person" or "Business"
FirstName	string	Customer First Name
HomePhone	string	Customer Home/Evening Phone Number; if Customer is a Business, this is the Toll-Free Number
LastName	string	Customer Last Name
MiddleName	string	Customer Middle Name
OptInEmail		Not used
OptInPhone		Not used
OptInPrint		Not used
OptInText		Not used
SSN	string	Customer SSN, if available
State	string	Customer State abbreviation
StatusType		Not used
WorkPhone	string	Customer Work/Day Phone Number with Extension; if Customer is a Business, this is the Main Number
Zip	string	Customer ZIP code
CoBuyer	CoBuyerVO	
Address1	string	CoBuyer Address Line 1
Address2	string	CoBuyer Address Line 2
Birthday	DateTime	CoBuyer Birthday
CellPhone	String	CoBuyer Mobile phone number
City	string	CoBuyer City
CompanyName	string	CoBuyer Company Name if applicable
ContactSubType	string	Additional CoBuyer Contact identification information
ContactType	string	If EntityType = "Person'" then "Prospect," "Customer," "Employee," "Vendor," "Partner" If EntityType = "Business," then "Prospect," "Customer," "Vendor," "Partner"
CountryCode	string	CoBuyer Country Code – two characters
DriversLicense	string	CoBuyer Drivers License (no State)

XML Nodes	Data Type	Notes
Email1	string	May be more than one email address, separated by semicolons
EntityType	string	"Person" or "Business"
FirstName	string	CoBuyer First Name
HomePhone	string	CoBuyer Home/Evening Phone Number; if CoBuyer is a Business, this is the Toll-Free Number
LastName	string	CoBuyer Last Name
MiddleName	string	CoBuyer Middle Name
OptInEmail		Not used
OptInPhone		Not used
OptInPrint		Not used
OptInText		Not used
SSN	string	CoBuyer SSN, if available
State	string	CoBuyer State abbreviation
StatusType		Not used
WorkPhone	string	CoBuyer Work/Day Phone Number with Extension; if Customer is a Business, this is the Main Number
Zip	string	CoBuyer ZIP code
IntegrationMapping	IntegrationMappingVOV1	
DMSDealer	string	DealerSocket siteid_iaddressID. Example: 120_1
DMSStore		Not used
DMSBranch		Not used
DSiSiteId	int	Dealership Site ID in DealerSocket
DSiAddressId	int	Dealership Address Id in DealerSocket
DSiEntityId	int	Entity/Customer ID in DealerSocket
DSiEventId	int	Event/Sales Opportunity ID in DealerSocket
DSiActivity		Not used
DSiVehicle		Not used
DSiQuoteId	int	Vehicle of Interest ID in DealerSocket
DSiInventory		Not used
DMSIPAddress	string	IP Address/URL of third party vendor
DMSName	string	Name of third party vendor
DMSVersion	int	Software version (internal for DealerSocket)
DMSUsername	string	Username for vendor – this is blanked out before sending the XML
DMSPassword	string	Password for vendor – this is blanked out before sending the XML
Vehicle	VehicleVO	
Make	string	Not sent if StockNumber is available
Model	string	Not sent if StockNumber is available
Year	int	Not sent if StockNumber is available
VIN	string	Vehicle VIN
Odometer	int	Current mileage
StockNumber	string	Dealership Stock Number for the vehicle of interest
MSRP	decimal	Vehicle MSRP

XML Nodes	Data Type	Notes
VehicleType	string	"New" or "Used"
NextServiceDate	DateTime	Next Service Date
LastSoldDate	DateTime	Last Sold Date
CertifiedNumber	string	Pre-owned certification number, if applicable
Price	string	If Deal Type = lease, then Cap Cost; else Price
Trades	TradeVehicleVO	DealerSocket can send up to three Trades
Make	string	Trade Make
Model	string	Trade Model
Year	int	Trade Year
VIN	string	Trade VIN
Odometer	int	Current mileage of the trade
ExteriorColor	string	Trade Exterior Color
MSRP		Not used
Vehicle Type		Not used
ACV	string	Actual Cash Value of each trade
Allowance	string	Trade allowance
LenderType		Not used
Payoff	decimal	Amount remaining to pay-off the trade

Sample Deal Push XML

```xml
<?xml version="1.0" encoding="utf-8"?>
<DealPushVoV1 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <Buyer>
        <Address1>123 Amethyst Ave</Address1>
        <Address2 />
        <Birthday>0001-01-01T00:00:00</Birthday>
        <CellPhone />
        <City>San Clemente</City>
        <ContactType>Prospect</ContactType>
        <ContactSubType>Private</ContactSubType>
        <CompanyName />
        <CountryCode>US</CountryCode>
        <DmsID />
        <DriversLicense />
        <Email1>test@hotmail.com</Email1>
        <EntityType>Person</EntityType>
        <FirstName>Amy</FirstName>
        <HomePhone>9493334444</HomePhone>
        <LastName>Amethyst</LastName>
        <MiddleName />
        <OptInEmail xsi:nil="true" />
        <OptInPhone xsi:nil="true" />
        <OptInPrint xsi:nil="true" />
        <OptInText xsi:nil="true" />
        <State>CA</State>
        <StatusType>Unknown</StatusType>
        <WorkPhone>9494445555</WorkPhone>
```

```xml
            <Zip>92673</Zip>
            <SSN />
        </Buyer>
        <CoBuyer>
            <Address1>123 Amethyst Ave</Address1>
            <Address2 />
            <Birthday>1982-01-15T00:00:00</Birthday>
            <CellPhone />
            <City />
            <ContactType>Prospect</ContactType>
            <ContactSubType>Private</ContactSubType>
            <CompanyName />
            <CountryCode />
            <DriversLicense />
            <Email1 />
            <EntityType>Person</EntityType>
            <FirstName />
            <HomePhone />
            <LastName />
            <MiddleName />
            <OptInEmail xsi:nil="true" />
            <OptInPhone xsi:nil="true" />
            <OptInPrint xsi:nil="true" />
            <OptInText xsi:nil="true" />
            <State>CA</State>
            <StatusType>Inactive</StatusType>
            <WorkPhone />
            <Zip />
            <SSN />
        </CoBuyer>
        <IntegrationMapping>
            <DMSDealer>2_28</DMSDealer>
            <DMSStore />
            <DMSBranch />
            <DSiSiteId>2</DSiSiteId>
            <DSiAddressId>28</DSiAddressId>
            <DSiEntityId>1434691</DSiEntityId>
            <DSiEventId>4033283</DSiEventId>
            <DSiActivityId xsi:nil="true" />
            <DSiVehicleId xsi:nil="true" />
            <DSiQuoteId>901127</DSiQuoteId>
            <DSiInventory xsi:nil="true" />
            <DMSIPAddress>https://www.examplethirdparty.com/receive.asmx</DMSIPAddress>
            <DMSName></DMSName>
            <DMSVersion>1</DMSVersion>
            <DMSUsername></DMSUsername>
            <DMSPassword></DMSPassword>
        </IntegrationMapping>
        <Trades>
            <TradeVehicleVo>
                <Make>HUMMER</Make>
                <Model>H3</Model>
                <Year>2006</Year>
                <VIN>5GTDN13626819208</VIN>
                <Odometer>0</Odometer>
```

```
        <ExteriorColor />
        <MSRP xsi:nil="true" />
        <VehicleType>New</VehicleType>
        <ACV>11000.00</ACV>
        <Allowance>10000.00</Allowance>
        <LenderType xsi:nil="true" />
        <Payoff>2500</Payoff>
    </TradeVehicleVo>
  </Trades>
  <Vehicle>
      <Make>Cadillac</Make>
      <Model>CTS</Model>
      <Year>2003</Year>
      <VIN>1G6DM57N030171309</VIN>
      <Odometer>50000</Odometer>
      <StockNumber />
      <MSRP>34500.0000</MSRP>
      <VehicleType>New</VehicleType>
      <CertifiedNumber />
      <Price>34000.0000</Price>
  </Vehicle>
  <CashDown>0.0000</CashDown>
  <DealNumber></DealNumber>
  <DealType>Cash</DealType>
  <LenderDmsID>SampleBankID</LenderDmsID>
  <SalesPerson1DmsID>34321</SalesPerson1DmsID>
  <SalesPerson2DmsID />
</DealPushVoV1>
```

Response Objects and XML Samples

XML Nodes	Data Type	Notes
Response	DealPushAcknowledgeVoV1	
CustomerDMSID	string	New Customer's vendor ID, not required
DealDMSID	string	Deal ID assigned in the vendor system, not required
ErrorID	integer	Unique status of the push. See Error Codes below.
ErrorDetail	string	During an error, this is saved to DealerSocket's logging. Technical details should be provided here for troubleshooting.
ResponseID		Not used
Message	string	During an error, this string is presented to the user. Should not be too technical for the average user.

Sample Success Response XML

```xml
<?xml version="1.0" encoding="utf-8" ?>
- <DealPushAcknowledgeVoV1 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <customerDMSID>327840758</customerDMSID>
    <dealDMSID>1223367091</dealDMSID>
    <ErrorID>100</ErrorID>
    <ErrorDetail />
    <ResponseID />
    <Message />
  </DealPushAcknowledgeVoV1>
```

Sample Error Response XML

```xml
<?xml version="1.0" encoding="utf-8" ?>
- <DealPushAcknowledgeVoV1 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
    <customerDMSID />
    <dealDMSID />
    <ErrorID>204</ErrorID>
    <ErrorDetail>58 is an invalid salesperson ID</ErrorDetail>
    <ResponseID />
    <Message>Invalid Salesperson ID</Message>
  </DealPushAcknowledgeVoV1>
```

Sample Deal Push XML using STAR 5.6.4

```xml
<?xml version="1.0" encoding="utf-8"?>
<RetailDeliveryReporting xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns="http://www.starstandard.org/STAR/5">
    <RetailDeliveryReportingHeader>
        <DocumentIdentificationGroup>
            <DocumentIdentification>
                <DocumentID />
            </DocumentIdentification>
        </DocumentIdentificationGroup>
        <SaleCategoryString>NEW</SaleCategoryString>
        <SaleSubCategoryString>CA</SaleSubCategoryString>
        <SalesPersonParty>
            <PartyID>111</PartyID>
            <SpecifiedPerson>
                <ID>111</ID>
                <GivenName>Frank</GivenName>
                <FamilyName>Salesman</FamilyName>
            </SpecifiedPerson>
        </SalesPersonParty>
        <SellingSourceCode>OPEN</SellingSourceCode>
        <BuyerParty>
            <PartyID>0</PartyID>
            <DealerManagementSystemID>123456789</DealerManagementSystemID>
            <AlternatePartyDocument>
                <DocumentID>246897531</DocumentID>
                <DocumentType>DriversLicense</DocumentType>
                <IssuingName>CA</IssuingName>
            </AlternatePartyDocument>
            <SpecifiedPerson>
```

```xml
            <ID>987654321</ID>
            <GivenName>George</GivenName>
            <FamilyName>Test</FamilyName>
            <BirthDate>1979-01-01</BirthDate>
            <ResidenceAddress>
                <LineOne>100 Avenida La Pata</LineOne>
                <CityName>San Clemente</CityName>
                <CountryID>US</CountryID>
                <Postcode>96273</Postcode>
                <StateOrProvinceCountrySub-DivisionID>CA</StateOrProvinceCountrySub-DivisionID>
            </ResidenceAddress>
            <TelephoneCommunication>
                <ChannelCode>B</ChannelCode>
                <CompleteNumber>9499000300</CompleteNumber>
            </TelephoneCommunication>
            <URICommunication>
                <URIID>george.test@noemail.com</URIID>
                <ChannelCode>Email</ChannelCode>
            </URICommunication>
        </SpecifiedPerson>
    </BuyerParty>
    <SoldFinance>
        <Financing>
            <FinanceTypeString>C</FinanceTypeString>
            <AnnualPercentageRate>0.000000</AnnualPercentageRate>
            <LeaseRateMoneyFactorString>0.000000</LeaseRateMoneyFactorString>
            <NumberOfPaymentsNumeric>1</NumberOfPaymentsNumeric>
            <SalesOrderNumberString>216794</SalesOrderNumberString>
            <EstimatedFinancingAmounts>
                <BalanceAmount currencyID="USD">0</BalanceAmount>
                <DownPaymentAmount currencyID="USD">9000.0000</DownPaymentAmount>
                <GrossTradeInAmount currencyID="USD">0</GrossTradeInAmount>
                <SecurityDepositAmount currencyID="USD">0.0000</SecurityDepositAmount>
                <AnnualAllowedDistanceMeasure unitCode="mile">0</AnnualAllowedDistanceMeasure>
                <BasePaymentAmount currencyID="USD">0</BasePaymentAmount>
                <DeferredDownPaymentAmount currencyID="USD">0</DeferredDownPaymentAmount>
                <ExcessPerYearDistanceMeasure unitCode="mile">0</ExcessPerYearDistanceMeasure>
                <FinanceChargeAmount currencyID="USD">0</FinanceChargeAmount>
                <NetAmountFinanced currencyID="USD">7442.6200</NetAmountFinanced>
                <NetCapitalizedCostAmount currencyID="USD">20500.0000</NetCapitalizedCostAmount>
                <PaymentAmount currencyID="USD">7442.6200</PaymentAmount>
            </EstimatedFinancingAmounts>
        </Financing>
        <ProgramsAndRates>
            <CreditContractCoupon>
                <CouponID>REBATE1</CouponID>
                <CouponDescription>REBATE1</CouponDescription>
                <CouponDescription>INCEPTION</CouponDescription>
                <CouponDescription>TOTAL REBATES</CouponDescription>
                <CouponDiscountAmount currencyID="USD">1000.0000</CouponDiscountAmount>
            </CreditContractCoupon>
        </ProgramsAndRates>
    </SoldFinance>
</RetailDeliveryReportingHeader>
```

```xml
<RetailDeliveryReportingVehicleLineItem>
    <Vehicle>
        <Model>Elantra</Model>
        <ModelYear>2016</ModelYear>
        <MakeString>Hyundai</MakeString>
        <TrimCode />
        <TransmissionGroup>
            <TransmissionTypeName>AUTOMATIC</TransmissionTypeName>
        </TransmissionGroup>
        <ColorGroup>
            <ColorItemCode>Interior</ColorItemCode>
            <ColorName>GRAY</ColorName>
        </ColorGroup>
        <ColorGroup>
            <ColorItemCode>Exterior</ColorItemCode>
            <ColorName>WINDY SEA BLUE</ColorName>
        </ColorGroup>
        <FuelTypeCode>unleaded</FuelTypeCode>
        <Engine>
            <GeneralEngineDescription>4</GeneralEngineDescription>
            <DetailedEngineDescription>4</DetailedEngineDescription>
        </Engine>
        <VehicleID>KMHDH4AE5GU545203</VehicleID>
        <VehicleStockString>U545203</VehicleStockString>
    </Vehicle>
    <OdometerStatus>3 Miles</OdometerStatus>
    <VehicleStockString>U545203</VehicleStockString>
    <Pricing>
        <Price>
            <PriceCode>Standard MSRP</PriceCode>
            <ChargeAmount currencyID="USD">18405.0000</ChargeAmount>
            <PriceDescription>Standard MSRP</PriceDescription>
        </Price>
        <Price>
            <PriceCode>Sold</PriceCode>
            <ChargeAmount currencyID="USD">15464.0000</ChargeAmount>
            <PriceDescription>Sold</PriceDescription>
        </Price>
    </Pricing>
</RetailDeliveryReportingVehicleLineItem>
</RetailDeliveryReporting>
```

Sample Response XML using STAR 5.6.4

```xml
<?xml version="1.0" encoding="utf-8"?>
<AcknowledgeRetailDeliveryReporting xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi=http://www.w3.org/2001/XMLSchema-instance
xmlns="http://www.starstandard.org/STAR/5">
    <AcknowledgeRetailDeliveryReportingDataArea>
        <Acknowledge>
            <ResponseCriteria xmlns="http://www.openapplications.org/oagis/9">
                <ChangeStatus>
                    <Code>100</Code>
                    <Description>Success</Description>
                </ChangeStatus>
```

```xml
                </ResponseCriteria>
            </Acknowledge>
            <RetailDeliveryReporting>
                <RetailDeliveryReportingHeader>
                    <DocumentIdentificationGroup>
                        <DocumentIdentification>
                            <DocumentID>1674991766</DocumentID>
                        </DocumentIdentification>
                    </DocumentIdentificationGroup>
                    <BuyerParty>
                        <PartyID>153399955</PartyID>
                    </BuyerParty>
                </RetailDeliveryReportingHeader>
            </RetailDeliveryReporting>
        </AcknowledgeRetailDeliveryReportingDataArea>
</AcknowledgeRetailDeliveryReporting>
```

Sample Deal Push XML using ADF 1.0

```xml
<?xml version="1.0" encoding="utf-8"?>
<adf xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <prospect status="new">
    <vehicle interest="buy" status="used">
      <id sequence="1" source="">000</id>
      <year>2012</year>
      <make>Audi</make>
      <model>A5</model>
      <vin />
      <stock />
      <trim />
      <doors>0</doors>
      <bodystyle />
      <transmission>MANUAL</transmission>
      <odometer status="original" units="mi">0</odometer>
      <colorcombination>
        <interiorcolor />
        <exteriorcolor />
        <preference>1</preference>
      </colorcombination>
      <price currency="USD">0.0000</price>
      <pricecomments />
      <finance>
        <method>cash</method>
        <amount type="monthly" currency="USD">0.0000</amount>
        <amount type="downpayment" currency="USD">0.0000</amount>
        <balance type="finance" currency="USD">0</balance>
      </finance>
    </vehicle>
    <customer>
      <contact primarycontact="">
        <name part="first" type="individual">Juan</name>
        <name part="last" type="individual">Valdez</name>
        <name part="middle" type="individual">J</name>
        <email preferredcontact="" />
        <phone type="voice" time="nopreference" preferredcontact="">9499000300</phone>
        <address type="home">
          <street line="1">1000 Alton Pkwy</street>
          <street line="2">Suite 502</street>
          <city>IRVINE</city>
```

```xml
            <regioncode>CA</regioncode>
            <postalcode>92606</postalcode>
            <country>US</country>
        </address>
      </contact>
      <id sequence="1" source="EntityId">14</id>
    </customer>
    <vendor>
      <id sequence="1" source="" />
    </vendor>
    <provider>
      <id sequence="1" source="ADF">DealerSocket</id>
      <name part="full" type="business">DealerSocket</name>
    </provider>
  </prospect>
</adf>
```

Error Codes and Descriptions

The following error/status codes should be used in the Response object:

ErrorID	ErrorDetail	Issue	Resolution
100	Success	OK	
201	Dealer not found	Dealer code not associated with an active vendor Dealership	DealerSocket will contact vendor and resolve dealer code and dealer name
202	Invalid request detected		DealerSocket data should be examined for errors; contact vendor as needed
203	Invalid Salesperson DMS ID	Sales person DMS ID not found in the vendor system	DealerSocket will remove the Salesperson ID from the XML and re-push
204	Invalid Stock Number	Stock Number not found in the vendor system	DealerSocket will remove the Stock Number from the XML and re-push with year, make and model data
205	Invalid VIN	VIN is either invalid or not found in the vendor system	Error message is logged in the worknote. User will need to correct the VIN and push again.
301	Runtime error during processing	Exception occurred on vendor side during the import process	DealerSocket will contact vendor for assistance
302	System unavailable, retry later	The vendor system is unavailable	Error message is logged in the worknote. Deal/update not pushed to the vendor system.
303	Record in use by vendor	The customer or deal record is currently being used in the vendor system and cannot be updated	Error message is logged in the worknote. Deal/update not pushed to the vendor system.

Certification Process

To ensure that the DCP Deal Push is working as designed, certification with the vendor is required. This certification includes actual scenarios that DealerSocket customers may encounter while pushing deals to the vendor system.

The certification is scheduled when the vendor indicates that it are ready to consume the XML. The testing takes place in one of DealerSocket's testing environments. The endpoint for the certification is communicated to the vendor at the time of certification.

This certification process should take no more than one hour to complete, assuming all components are correctly configured. Some of the following scenarios may not apply depending on the vendor's business logic.

Scenario	Action	Expected Results
1	Push a new customer and deal to vendor system	Vendor system returns response with the customer's vendor ID Vendor system returns response with vendor Deal ID
2	Push a new customer and deal with co-buyer to vendor system	Vendor system optionally returns response with the customer's vendor ID Vendor system returns response with vendor Deal ID
3	Push existing customer and new deal to vendor system	Vendor system returns response with vendor Deal ID
4	Push updated deal for existing customer	If allowed, Vendor system identifies existing vendor Deal ID and updates deal in vendor system
5	Push new deal with updated Customer data	Vendor system identifies existing Customer vendor ID and updates Customer in vendor system Vendor system returns response with vendor Deal ID
6	Push deal with one trade	Pushed XML contains Trades data Vendor system returns response with vendor Deal ID
7	Push deal with excess trades (only applicable when Vendor doesn't allow for three trades)	Vendor system returns error in response for too many trade ins User will remove excess trade ins and re-push deal
8	Push deal with maximum allowed trades	Pushed XML contains all Trades data Vendor system returns response with vendor Deal ID
9	Push deal without a stock number	Pushed XML contains Year, Make, Model, and VIN Vendor system returns response with vendor Deal ID
10	Push deal with stock number not in vendor system	Vendor system returns error "Invalid Stock Number" in response
11	Push deal without Sales person's vendor ID	Vendor system returns error "Invalid Salesperson DMS ID invalid" in response
12	Push deal while vendor system is accessing customer record	Vendor system returns error "Record is use by DMS" in response

Scenario	Action	Expected Results
13	Push deal while vendor system is down	Vendor system returns error "System unavailable, retry later" in response
14	Push deal and test for any vendor-specific error conditions not covered above	Testing to be determined with the vendor

Contact Information

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