



VDI COOPERATIVE AGREEMENT CERTIFICATION PROCESS

Purpose

The purpose of the VDI Cooperative Agreement process is threefold:

- 1) **To certify** that a successful adoption of a VDI standard was developed, tested, and implemented in a product produced by an originating supplier in cooperation with a second supplier (**trading partners**)
- 2) **To confirm** that the VDI compliant product is capable of performing both **pull** and **push** data requests
- 3) **To verify** that the data sharing processes (pull and push) between trading partners has been stipulated by a **vending operator**

Process Scenario

Assume a vending operator employs two vending technology solutions supported by two different OEM suppliers; labeled OEM ONE and OEM TWO. The vending operator wants both systems to exchange/share DEX data files. Given that VDI S2S DEX is intended to enable the passage of DEX files between multiple vending related technology systems, the operator contacts one of the suppliers and seeks implementation of VDI S2S DEX.

The VDI S2S DEX standard enables each application to perform both a DEX Get (pull) and DEX Upload (push) file exchange between respective servers (OEM ONE and TWO).

VDI compliance process is achieved through peer-to-peer evaluation. A **VDI Cooperative Agreement** is used to establish that OEM ONE stipulates OEM TWO can perform both request and receive functions and OEM TWO validates OEM ONE can likewise perform pull and push functions. An additional requirement of the VDI compliance process involves a vending operator confirming data sharing between the VMS applications has been tested and proven.

It is important to note that the VDI Cooperative Agreement process requires that each VMS application must be capable of requesting and receiving shared data; there is no evaluation as to how the DEX data is applied or consumed once received. It is also

important to note that some OEMs would only be consumers of the data, some may only be producers and some may perform both functions. The push and pull methods do not assume what roles are being performed. For example, if OEM ONE is only a consumer of DEX data, it would be able to receive a push from OEM TWO as well as submit a pull request to OEM TWO as necessary. A practical example is when OEM ONE is a Vending Management System (VMS) solution and OEM TWO is a telemetry service provider. When OEM ONE needs to consume the DEX files collected from OEM TWO it will use either a scheduled push event or an ad hoc pull request. It is not necessary for the two suppliers to create an arbitrary configuration for OEM ONE to be a producer and OEM TWO to be the consumer.

Vending Operator

The vending operator (customer) needs to complete one integration effort with two suppliers. The vending operator thereby provides validation that the two suppliers created a working solution to data sharing (i.e. accomplished the intended goal). The objective being to obtain confirmation that the data interchange capabilities of both trading partners work as stipulated.

Summary

1. A VMS supplier must identify a second VMS supplier for VDI data exchange testing.
2. The VMS suppliers must complete a VDI Cooperative Agreement specifying successful testing of pull and push functionality by both VMS suppliers. Each must specify a consumer/producer role as well.
3. The tested VDI cooperative relationship between VMS suppliers (pull and push) must be confirmed by a vending operator.

see next page... VDI Cooperative Agreement

VDI Cooperative Agreement

Contact Information

Company Name	Trading Partner A	Trading Partner B
Business Representative:		
Telephone:		
After Hours Support:		
Fax:		
E-mail:		
Technical Representative:		
Telephone:		
After Hours Support:		
Fax:		
E-mail:		
Third Party Provider Company (if applicable):		
Contact Name:		
Telephone:		
After Hours Support:		
Fax:		
E-mail:		

Communication Specifications

Please complete the following Trading Partner (TP) set-up information:		
Trading Partner Company Name		
Trading Partner ID - prod		
Trading Partner ID Qualifier* - Prod		
Trading Partner ID - Test		
Trading Partner ID Qualifier* - Test		
Test Indicator Required?		
Functional Acknowledgments (997) required?		
Name of Interconnection or other Direct Connection (i.e. AS2, Web services, FTP, Email, etc...)		
URL, FTP location, email address, etc to be used for interconnection		

Document Type Specifics

Please Enter Yes or No to the Document Types that will be Traded	
DEX Transfer	
Alerts	
Device Roster	
Security Authorization	
Master Data Transfer	
Other	