



RESO®

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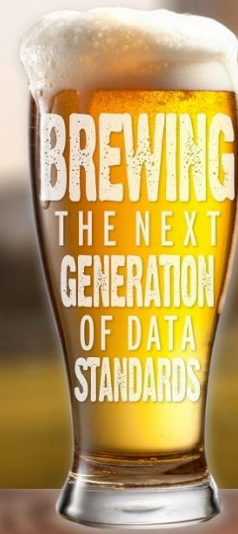
REFLECTING ON
THE PAST

LOOKING TOWARD
THE BEAUTIFUL
FUTURE

20

2018 FALL CONFERENCE

OCTOBER 15-18, 2018 • THE PFISTER HOTEL • MILWAUKEE, WI



Photography: VIST Milwaukee and iStock: arJazz

Rick Trevino VP of IT MetroList Services

Payloads *Workgroup*

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WHY DOES THE IDX PAYLOAD WG EXISTS?

Real Estate Data is typically delivered as a package comprised of a set of data for a specific business need. The RESO Data Dictionary defines all the fields (specific characteristics) available to be included in a payload.

The Payloads Workgroup purpose is to define Payload Categories based upon Real Estate Industry business need and which fields are to be included in each Payload Category as specified within the RESO Data Dictionary.

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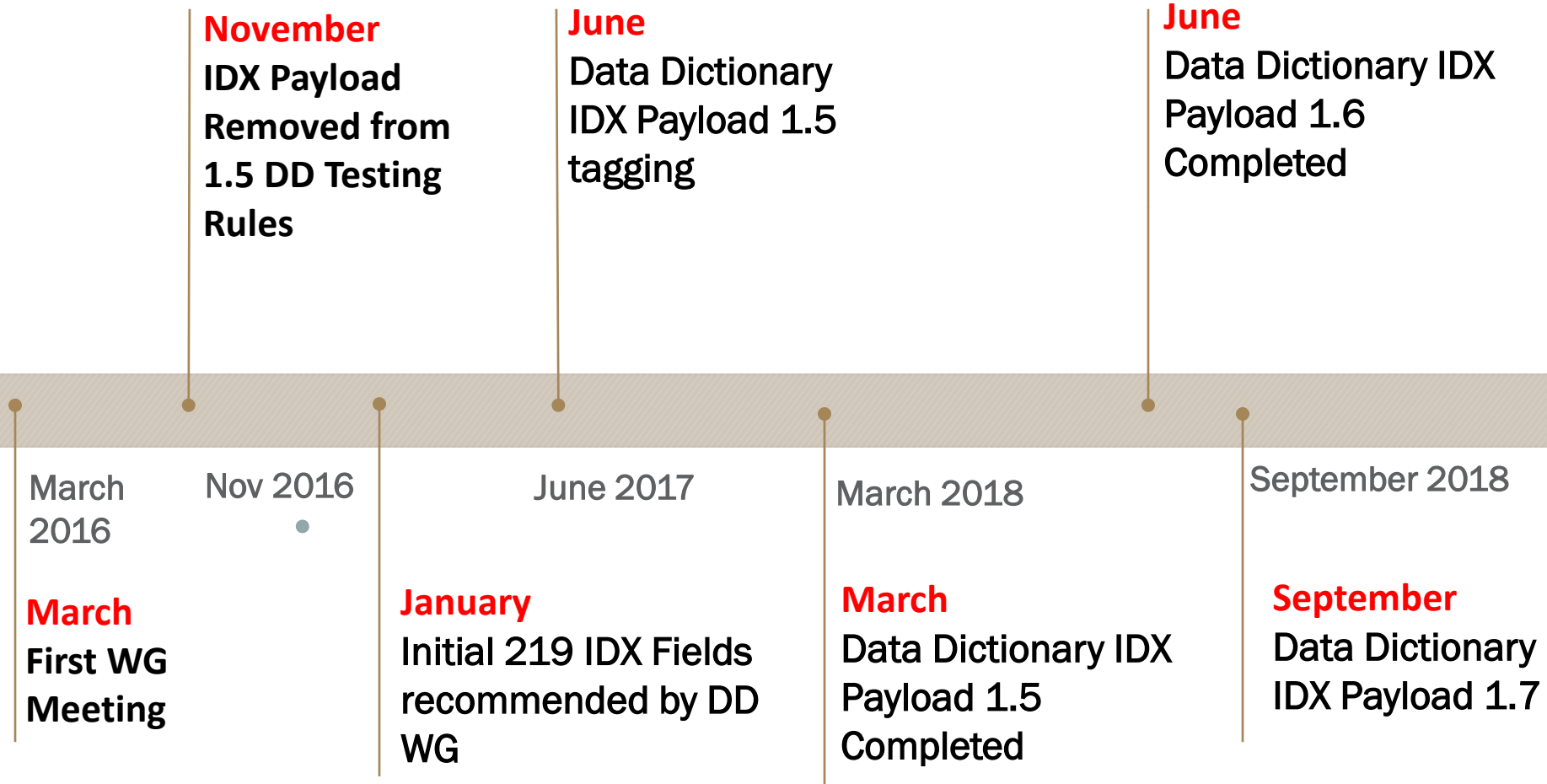
AGENDA

- Major Milestones
- Use Case
- Why Does the IDX Payload Matter?
- IDX Payload Package
- BOD Action Items
- What Payload is Next

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Major Milestones



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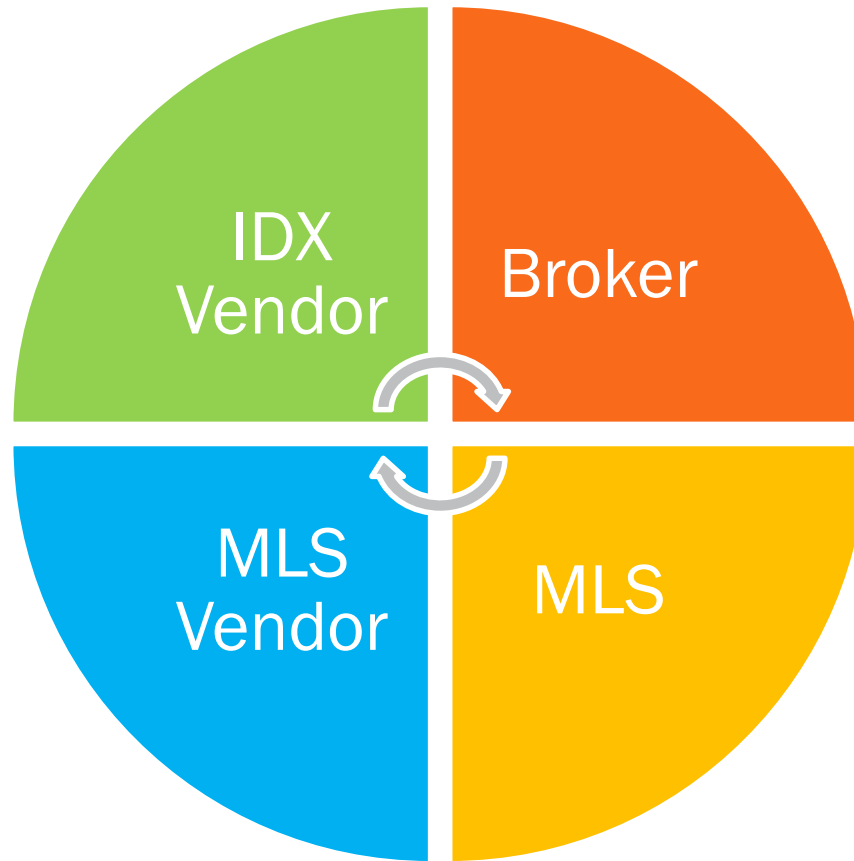
USE CASE

- Small to Medium MLS
- Very Narrow IDX data set
 - 10 -20 Fields
- Requirement
 - Fixed Set
 - Business Rules on fields

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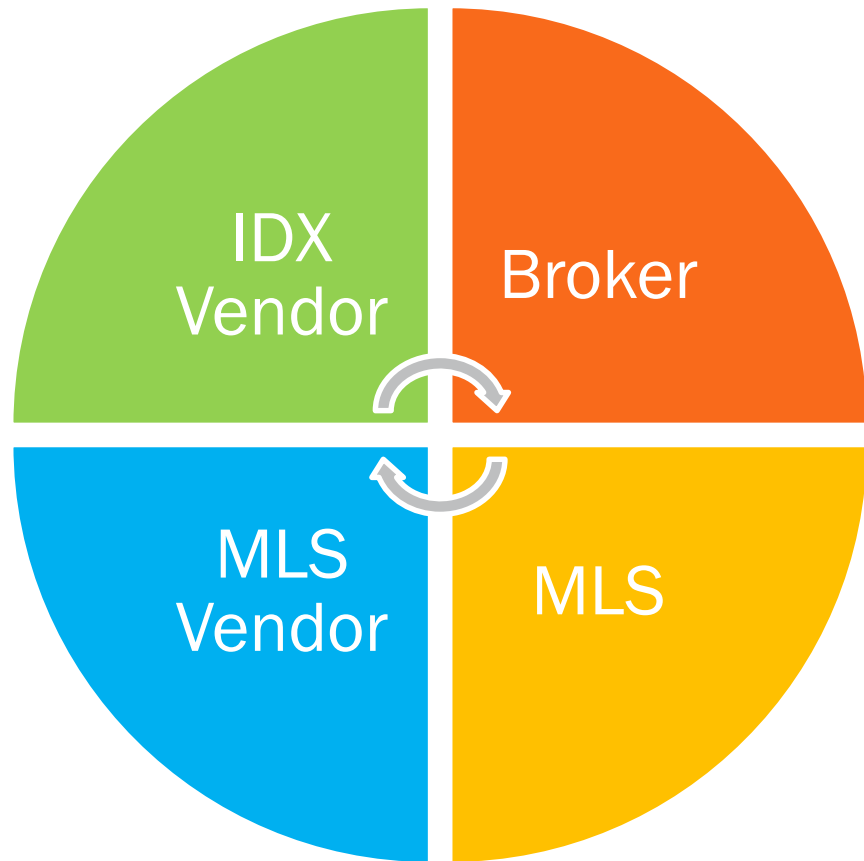


WHY DOES IDX PAYLOAD MATTER



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WHY DOES IDX PAYLOAD MATTER



Broker

- Accurate, timely and detailed property data
- Consistent Data stream across multiple markets'
- Improved efficiencies, reduced costs

MLS

- Requirement (Endorsement) of DD
- Prepare now, as your IDX feeds will need to be updated!

MLS Vendor

- Consistent Data stream
- Defined fields
- Develop functionality

IDX Vendor

- Consistent Data Stream

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TAGGED FIELDS

249 (1.5 DD), 250 (1.6 DD), 252 (1.7 DD)

Property Resources

- 157 tagged as “Yes”, 219 possible fields (157/219)

Other Resources

- Office (25/45)
- Member (24/70)
- Open House (20/28)
- Media (22/34)

Business Rules

- Some fields are part of a “set”
- Each includes “Blank” and “Nullable” options

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IDX PAYLOAD 1.7 Worksheet



A	F	G	H	I	J	K	L	M	N	O	P	Q	R
Standard Name	Blank	Nullable	Notes	RESI	RLSE	RINC	LAND	MOBI	FARM	COMS	COML	BUSO	
BedroomsTotal	X		Approved 3/23/17	X	X	X		X	X				IDX_Blank
BodyType	X		Approved 3/23/17					X					IDX_Blank
BusinessType	X		Approved 3/23/17							X	X	X	IDX_Blank
BuyerAgentFirstName	X	X	Approved 3/23/17 Updated 6/22/17 -	X	X	X	X	X	X	X	X	X	IDX_Optional
BuyerAgentFullName	X	X	Approved 3/23/17 Updated 6/22/17 -	X	X	X	X	X	X	X	X	X	IDX_Optional
BuyerAgentLastName	X	X	Approved 3/23/17 Updated 6/22/17 -	X	X	X	X	X	X	X	X	X	IDX_Optional
BuyerAgentMlsId	X	X	Approved 5/25/17 Updated 6/22/17 - Nullable	X	X	X	X	X	X	X	X	X	IDX_Optional
BuyerOfficeMlsId	X	X	Approved 5/25/17 Updated 6/22/17 - Nullable	X	X	X	X	X	X	X	X	X	IDX_Optional
BuyerOfficeName	X	X	Approved 5/25/17 Updated 6/22/17 -	X	X	X	X	X	X	X	X	X	IDX_Optional
CarportSpaces	X		Approved 5/25/17	X	X	X		X	X				IDX_Blank
City			Approved 5/25/17	X	X	X	X	X	X	X	X	X	IDX_Must
CloseDate	X	X	Approved 5/25/17	X	X	X	X	X	X	X	X	X	IDX_Optional
ClosePrice	X	X	Approved 5/25/17	X	X	X	X	X	X	X	X	X	IDX_Optional

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SETS

Set Requirement (Description)	Resource	Set A	Set B	Set C
REQ-DD151-PEIDXSET-P02 Buyer Agent Name	Property	BuyerAgentFirstName AND BuyerAgentLastName	BuyerAgentFullName	<i>(Select either Set A or Set B)</i>
REQ-DD151-PEIDXSET-P03 Co Buyer Agent Name	Property	CoBuyerAgentFirstName AND CoBuyerAgentLastName	CoBuyerAgentFullName	<i>(Select either Set A or Set B)</i>
REQ-DD151-PEIDXSET-P04 Co Listing Agent Name	Property	CoListAgentFirstName AND CoListAgentLastName	CoListAgentFullName	<i>(Select either Set A or Set B)</i>

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2.6 Payload Endorsement Testing Rules

Created by Greg Lemon, last modified on Oct 10, 2018

RESO has defined Payloads as "Any number of fields representing the payloads found in RESO transports."

A Payload Endorsement is an additional recognition (for those who have earned a Data Dictionary Certificate) demonstrating that a specific sets of fields are available in a data feed of the same name.

NOTE 0-1: A "certificate" refers to the whole Data Dictionary. An "endorsement" refers specifically to payloads. An applicant **MUST** receive a Data Dictionary Certification (at any level) **BEFORE** receiving an endorsement. An example could be an applicant receiving a "Data Dictionary 1.5.0 Gold **Certificate** with an IDX Payload **Endorsement**." When referring to the payload itself, it may be referred to as a "RESO Endorsed IDX Data Feed."

The following are requirements for **ALL** Payload Endorsements.

REQ-DD151-PE-1: The Payload Endorsement requires access to a transport data structure a feed with payload-specific permissions. Separate server credentials configured for the payload feed **MUST** be provided during the application process. The Payload Endorsement may be granted on any RESO Transport Standard eligible for Data Dictionary Certification.

REQ-DD151-PE-2: **ALL** Data Dictionary fields in a payload have one of three classifications that describes how the field should be presented and populated in the applicant's payload data structure:

1. **REQUIRED:** The field **MUST** be present and **MUST** be populated for all records returned using the payload data structure.
2. **BLANK:** The field **MUST** be present and **MUST** be populated for any listing where the data of the field exists. The field **MAY** be blank if the field is optional **OR** does not exist in system configuration.
3. **NULL:** The field **MUST** be present and **MAY** be populated for any listing based on organizational business rules or legal liabilities.

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BOD Action Item

Extensible

- Review and update Endorsement Testing Rules
- Focus on Web API for IDX Payload

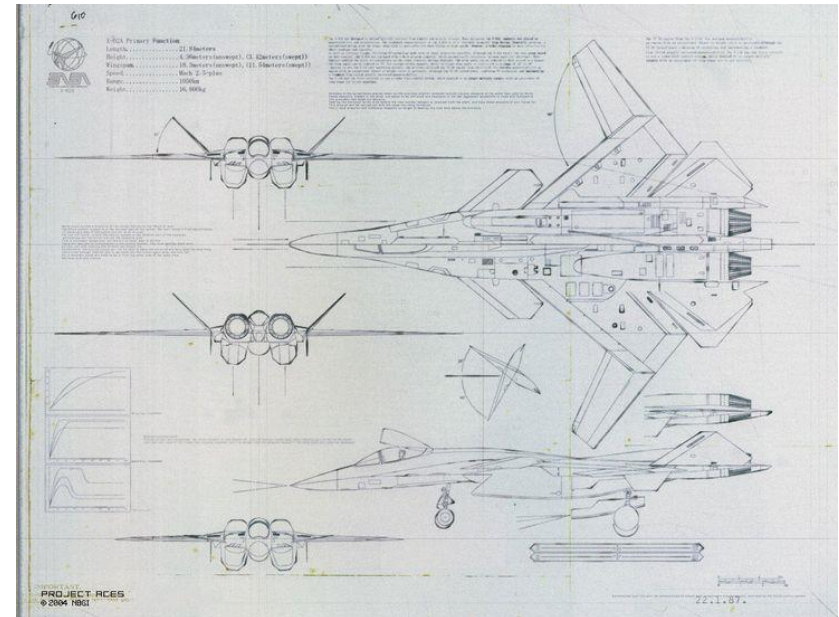
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BOD Action Item

Technical Issues – Nulls representation

- Null out Binary or Yes/No
- Null out Numeric



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NEXT Payload

- Back Office/Broker Feed
 - Review Resources
 - Confluence to send out Template to tag
 - Back Office/Broker Feed
- Items from the Floor

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Payloads Workgroup

Meet every fourth Thursday 11-12 PDT

Rick@MetroList.net

Thank You!!

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