



RESO[®]

Welcome to the
2018 RESO Spring Technology Summit!



Jeremy Crawford
Chief Executive Officer
Real Estate Standards Organization



**IT'S GAME ON
FOR DATA STANDARDS!**



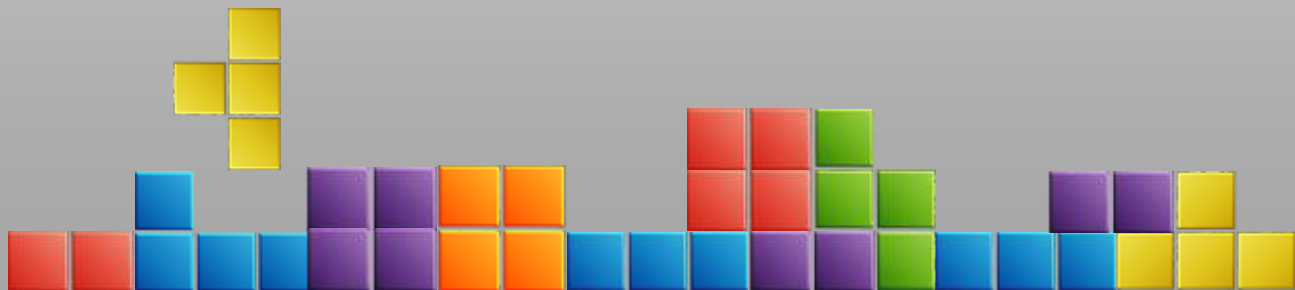


2018 Spring Technology Summit

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Conference WIFI Information

Wireless Network
Hilton Honors Conference
Password
RPR2018





Follow us **@RESO** and spread the word
that you are committed to the industry!

Also "Check In", tag others, share quotes and takeaways and use the
hashtag **#RESO18** on Facebook, LinkedIn and Instagram, too!

Let others know how engaged you are in the Standards creation process
and the success of the real estate industry!



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*Thank you for sponsoring the
Welcome Reception & Game Night!*

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Access the Conference App!

Download the *Conference Mobile App* to access the agenda, presentations and more by searching for **RESO Conferences** at:



And, access the Conference App Online at <http://reso.eventpedia.us/>

Take advantage of the App features to communicate directly with attendees, set up vendor meetings, receive push notifications and more



Today's Agenda Highlights

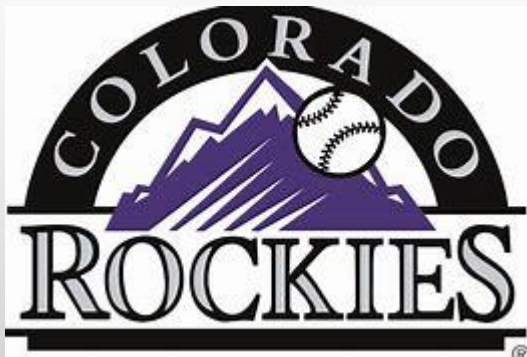
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- **General Session 9:00am-3:15am**
- **Lunch 12:30pm-1:30pm: Four Square Ballroom**
- **Research & Development Workgroup 3:15pm-5:00pm**
- **Transport Workgroup 3:15pm-5:00pm**
- **Reception & Event 5:30pm-10:00pm Colorado Rockies vs. San Diego Padres sponsored by Realtor.Com**



Take Me Out to the Ballgame

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If you registered for the event, tickets **MUST** be picked up from the registration desk between 12:00 and 5:00 Tuesday.

Shuttles depart at 5:30 and 6:00 p.m. for the game!

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2018 Spring Technology Summit

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Register Today!

<https://reso.org/fall-mtg/>

2020 RESO®

LOOKING TOWARD
THE BEAUTIFUL
FUTURE

2020

REFLECTING ON
THE PAST

2018 FALL
CONFERENCE

BREWING
THE NEXT
GENERATION
OF DATA
STANDARDS

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

The poster features a blurred city skyline in the background. In the foreground, a tall glass of beer with a thick head of foam sits on a wooden surface. The text is overlaid on the image in various colors and fonts.



2018 Board of Directors



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- **Art Carter – Chair**
- **Michael Wurzer – Vice-Chair**
- **Richard Renton – Treasurer**
- **Tim Dain – Secretary**
- **Mark Lesswing**
- **Todd Carpenter**
- **Ethan Bailey**
- **Chip McAvoy**
- **Scott Woodard**
- **Brian Donnellan**
- **Chris Carrillo**
- **Steve Byrd**
- **Jeff Young**
- **Curt Beardsley**
- **Suzanne Mueller**
- **Alon Chaver**
- **Paul Boomsma**
- **John De Souza**
- **Tom Flannagan**
- **Tim Ford – Board Advisor**



2018 Workgroup and Committee Chairs

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- Rob Larson (CRMLS) – Data Dictionary
 - Chris Lambrou (MetroMLS) – Internet Tracking
 - Rick Trevino (Metrolist MLS) – Payloads
 - Mark Bessett (CRMLS) – Universal Property ID
 - Greg Moore (RMLS – Portland) – Research & Development
 - Paul Stusiak (Falcon Technologies) & Scott Petronis (eXp Realty) – Transport Web API
 - Mark Lesswing (N.A.R.) – Event Catalog*
 - David Gumper (Gumper Group, WavGroup) – Broker Advisory Group*
 - Jeremy Crawford (RESO) – Board of Directors Liaison Committee
 - Greg Lemon (RESO) – Certification Committee
- *Denotes new Workgroups for 2018



2018 RESO Staff

**Jeremy Crawford**

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Jorge Pires
Web Consulting
San Diego, CA



RESO State of the Standard Update



2017 Strategic Accomplishments

Jeremy Crawford

Chief Executive Officer - RESO



2018 Strategic Objectives

Art Carter

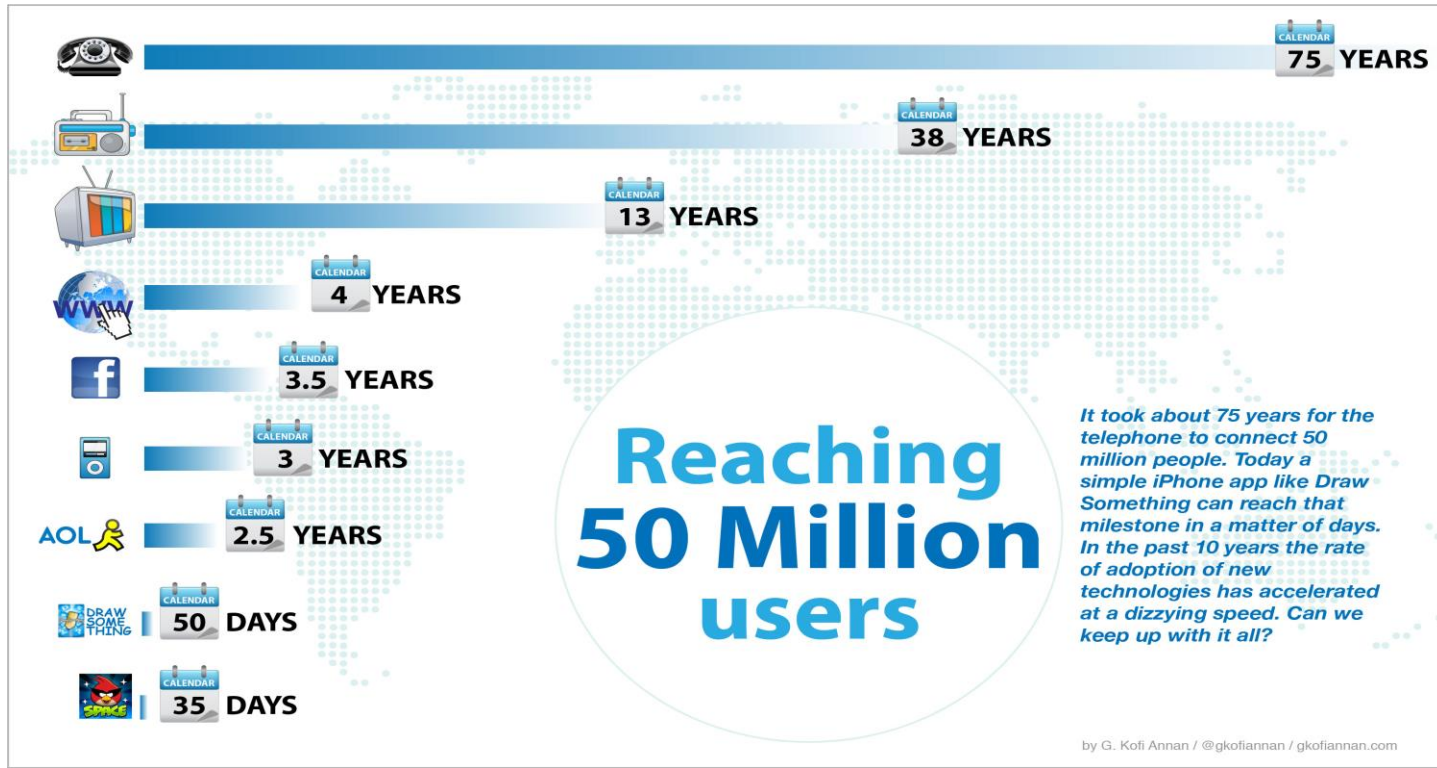
Chair - RESO

Chief Executive Officer - CRMLS



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How Fast We Are Moving



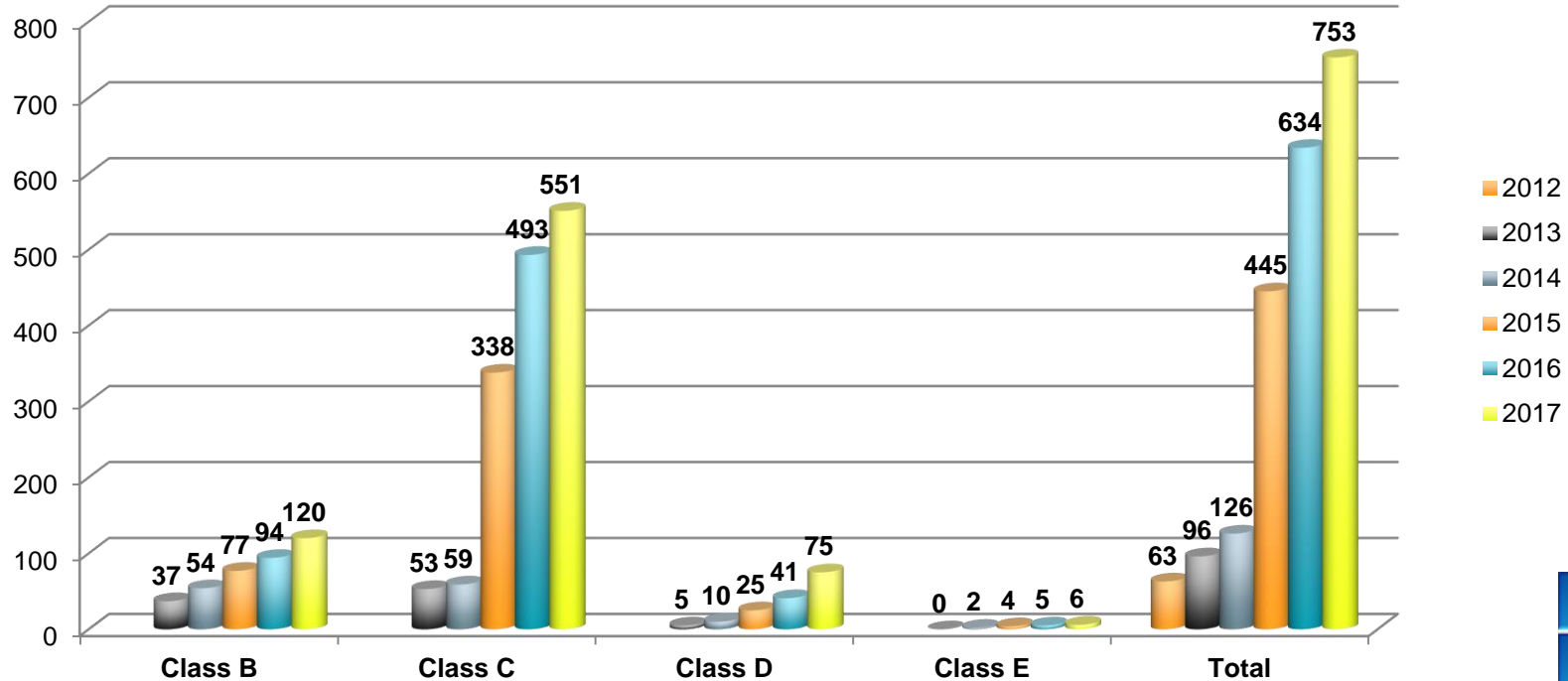


2017 - 2018 Strategic Plan

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RESO Membership Growth

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Major Broker Brands Represented

RE/MAX

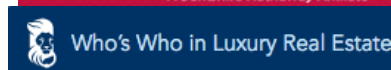
LEADING REAL ESTATE
COMPANIES *of* THE WORLD



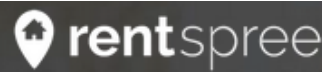
Michael Saunders & Company



CRYE-LEIKE,
REALTORS



Major MLS & Tech Companies Represented

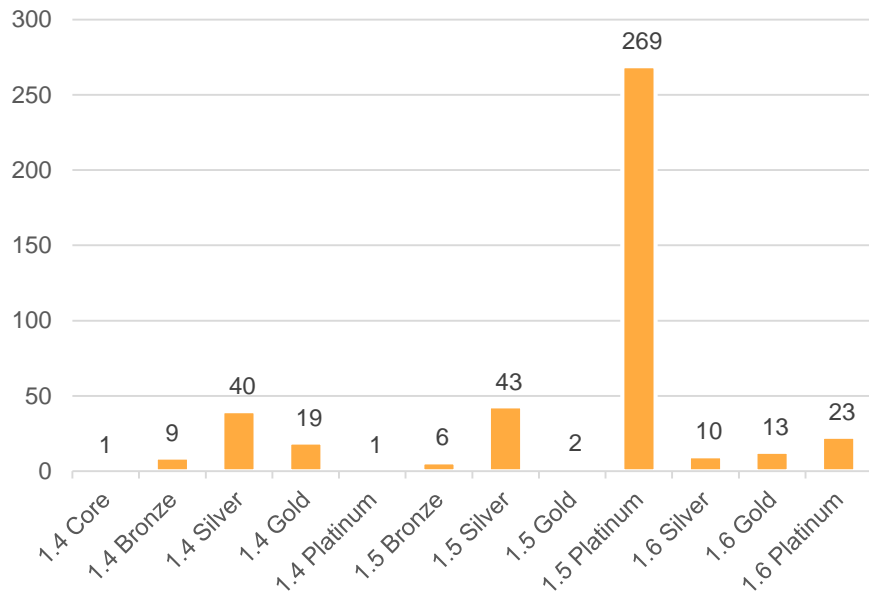


Over 1000 Certifications Awarded since Jan 1st, 2017 (687 DD, 320 API)

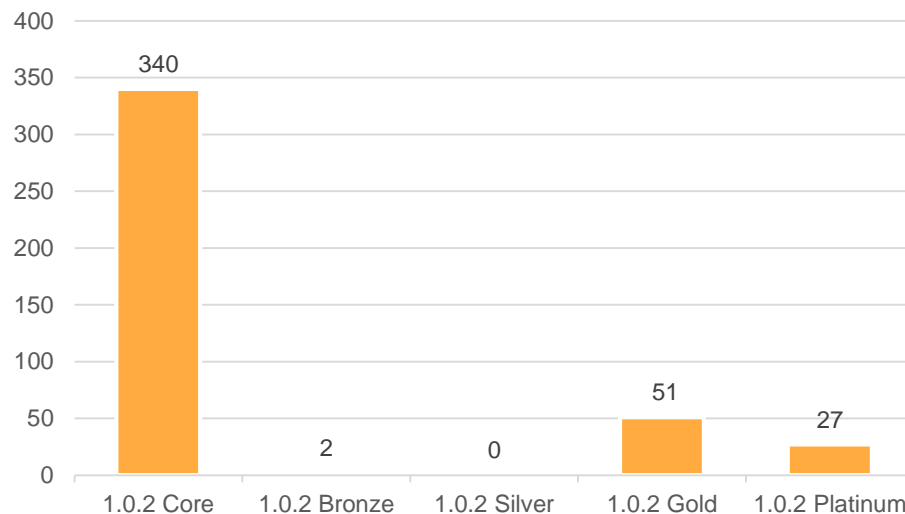


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Organizations Data Dictionary Certified by Level



Organizations Web API Server Certified by Level



RESO Standards & Tools Released



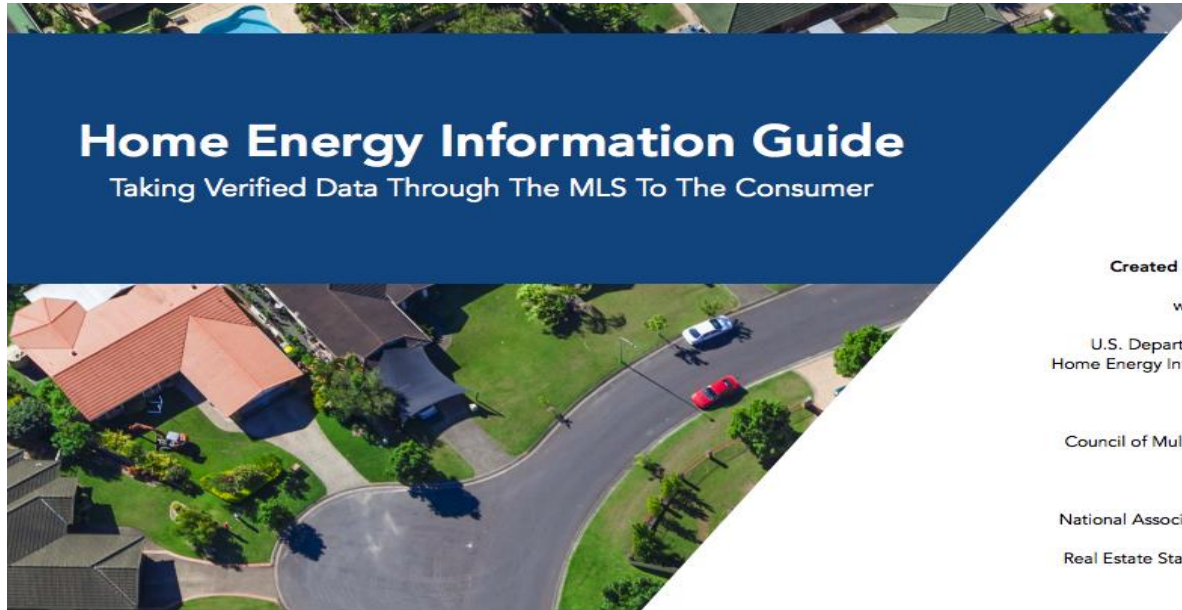
- RESO Data Dictionary Version 1.6 officially released August 4th, 2017 with over 225 new fields, 625 new values, the largest version ever released
- RESO Web API Version 1.0.3 officially released December 19th, 2017
- RESO Universal Property ID Specification officially released December 19th, 2017
- RESO Real Estate Business Rules (REBR) Language officially released as a best practices guide for exposing MLS business rules October 16th, 2017
- RESO Web API Open Source Client Libraries in .NET and PHP platforms
- Updated Organizational Unique ID (OUID)



Real World Successes with Standards

- **Homes.Com Case Study Reveals the Business Value of RESO**
- **A Bold Move: How RMLS Converted all its IDX Feeds over to RESO Standards**
- **RESO Standards: Are they a Fair Tale or the Future? A MyTheo Case Study**
- **These case studies and more success stories on utilizing RESO Standards available online at <https://reso.org/reso-case-studies/>**
- **RESO Fall 2017 Data Competition: Real-World Cutting-Edge Innovations powered through RESO Standards Demonstrated: <https://www.reso.org/fall-mtg/data-comp/data-comp-winners/>**





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Home Energy Information Accelerator

by

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Real Estate Standards Organization

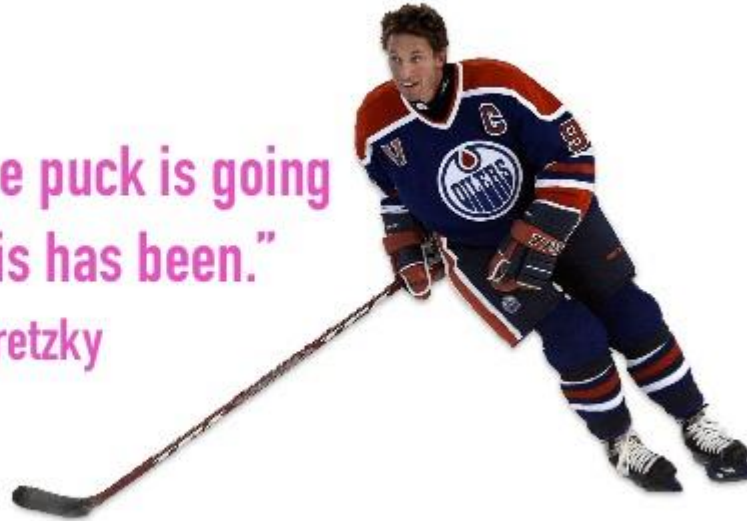


GAME ON...



"I skate to where the puck is going
to be, not where it has been."

– Wayne Gretzky

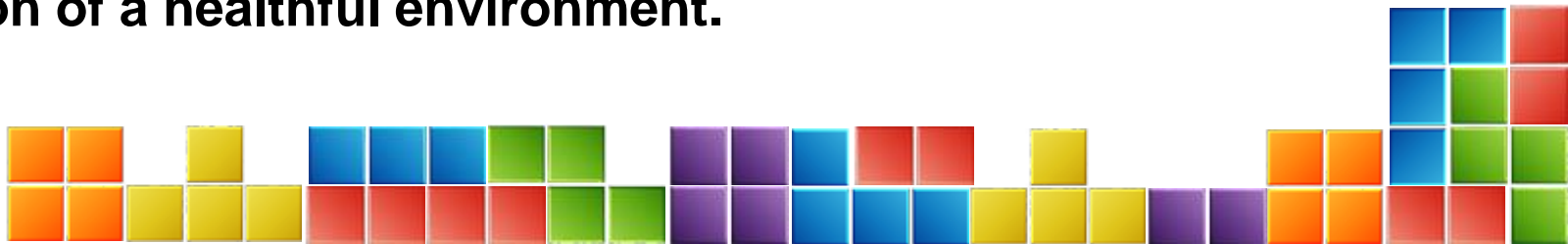


Where have we been...



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Under all is the land. Upon its wise utilization and widely allocated ownership depend the survival and growth of free institutions and of our civilization. REALTORS® should recognize that the interests of the nation and its citizens require the highest and best use of the land and the widest distribution of land ownership. They require the creation of adequate housing, the building of functioning cities, the development of productive industries and farms, and the preservation of a healthful environment.



Maybe where things are going...



Under all is the data. Upon its wise utilization and widely allocated ownership depend the survival and growth of free institutions and of our civilization. REALTORS® should recognize that the interests of the nation and its citizens require the highest and best use of the data and the widest distribution of housing data. They require the creation of adequate data standards, the building of functioning data repositories, the development of productive consumer facing technologies, and the preservation of a healthful environment for the exchange of data.



2018 Strategic Objectives

Data Dictionary Version 1.7



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- **Membership Management Data Standardization**
- **Lockbox Data Standardization**
- **Broker Data Standardization**
- **Resources to Support Listing Business Rules**
- **Expansion for Social Media Data**
- **Standard Names in Spanish**
- **Days on Market Standardization**
- **Expansion of Pick-List Values (Enumerations)**



2018 Strategic Objectives

RESO Web API



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- **Version 1.1 Release with Update Functionality**
- **MLS Business Rule Support**
- **Certification for Update Functionality**
- **Specification Enhancements and Improvements**
- **RESO Web API Client Certification Launch**
- **Open Source RESO Web API Client Libraries in Java, Python and enhancements to current .NET and PHP Libraries**



2018 Strategic Objectives



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- **RESO IDX Payloads Version 1.5 and 1.6 with Certification**
- **RESO Universal Property ID Repository and Open Source Libraries**
- **Launch of Event Catalog and Broker Advisory Groups**
- **Platform Interoperability with supporting Expansion of Standards**
- **Industry wide adoption and utilization white papers, best practices and case studies**
- **Internet Tracking Fields and Functionality Expansion**
- **RESO Organizational Github Repository Launch:**
<https://github.com/RESOStandards/>

