

Introduction and High Level Steps to Use MRED's RESO WEB API

Overview

Midwest Real Estate Data (MRED) provides access to an API that allows a user to query, real-time, its listing and roster database. MRED's Web API implements OpenID Connect, the protocol chosen by Real Estate Standards Organization (RESO www.reso.org).

The **Web API is NOT intended to be a bulk download tool**. Rather, it is intended to be used to query, on demand, data that a website or application displays in a given context. Currently, RETS 1.X is the platform of choice for bulk downloading data to be stored on a server.

Based upon the OAuth 2.0 specifications, OpenID Connect uses REST/JSON message exchanges, which typically makes it easier for developers to implement. This document provides the necessary steps, including OpenID Connect and OData references, for third-party vendors to implement an OpenID Connect Client to MRED's WEB API server.

Step 1: Familiarize yourself with OpenID Connect Fundamentals

If you have never used OpenID Connect or need a refresher, there are numerous sources available. One useful starting point is the OpenID Foundation site and, in particular, it's FAQ page at: <http://openid.net/connect/faq/>. From there you can navigate around the site and/or use the additional references provided below.

Step 2: Implement an OpenID Connect Client

An OpenID Connect client facilitates a user's authentication into a secured application through an OpenID Connect Server. If you do not already have or use an OpenID Connect client, then based on your application and the flexibility you require, you may prefer to develop one. The OpenID Foundation site provides in-depth guidance for development at: http://openid.net/specs/openid-connect-core-1_0.html

Alternatively, there are many open source client libraries available, some of which are listed at:

<http://openid.net/developers/libraries/>

Note: MRED's Web API supports authorization code and/or implicit flow.

Step 3: Send us your Redirect URLs

When you are ready to test, your OpenID Connect Client, email your preferred Redirect URIs to MRED at retssupport@mredllc.com. MRED will enable your account and send you access and API information (credentials, endpoints, etc.) within 3 business days.

The API information that will be returned to you includes the following:

Client Credentials:

These are the credentials you will use to get authorization through the OpenID Connect Security portion of the Web API.

Client ID:

<....>

Client Secret:

<You will need this Information to complete setup and it will be sent in a separate email with appropriate subject>

Authorize end point:

<https://connectmls-api.mredllc.com/oid/authorize>

Token end point:

<https://connectmls-api.mredllc.com/oid/token>

Userinfo end point:

<https://connectmls-api.mredllc.com/oid/userinfo>

Step 4: Familiarize yourself with OData

MRED's Web API supports Open Data Protocol (OData) for querying data. OData is an application-level protocol for interacting with data via RESTful web services. A good intro to OData concepts can be found at <http://www.odata.org/getting-started/basic-tutorial/>

Browser Query samples:

While the Web API is intended to be used programmatically from a client application, the following examples exhibit how you can use OData to query from a browser.

Example 1: Retrieve metadata:

[https://connectmls-api.mredllc.com/reso/odata/\\$metadata](https://connectmls-api.mredllc.com/reso/odata/$metadata)

Example 2: Search by MLS Number:

[https://connectmls-api.mredllc.com/reso/odata/Property?\\$filter=ListingId eq '06946186'](https://connectmls-api.mredllc.com/reso/odata/Property?$filter=ListingId eq '06946186')

Example 3: Search by List Price:

[https://connectmls-api.mredllc.com/reso/odata/Property?\\$filter=ListPrice gt 999999](https://connectmls-api.mredllc.com/reso/odata/Property?$filter=ListPrice gt 999999)

For further information on OData and its use in RESO Web API, download the latest specification from: <https://www.reso.org/downloads/>.

MRED RETS Support Team

retssupport@mredllc.com

Office: (630) 955-0011

Web API Order Form - Broker

Please complete this order form and return it along with a check, money order or credit card authorization, and your signed Participant Data Access Agreement. Cost: \$500 (one-time fee)
Midwest Real Estate Data LLC, 2443 Warrenville Road, Suite 600, Lisle, IL 60532
Email: orders@mredllc.com

Office Name: _____ Office ID: _____

Broker/Office Mgr Name: _____ Broker ID: _____

Broker/Office Mgr Email Address: _____

Reason for Use: _____

Website Address: _____

If the Broker is authorizing this request for an AGENT website, fill out the additional information below.

Salesperson (Agent) Name: _____ Agent ID: _____

Salesperson Email Address: _____

Where will the RETS feed be used: _____

Website Address: _____

VENDOR INFORMATION

Vendor Name: _____

Vendor Phone: _____

Vendor Email: _____

Contact Name: _____

Product/Service: _____

By submitting this form, I am acknowledging my responsibility to register each and every Vendor with MRED that will be utilizing my Broker RETS License on behalf of my brokerage. I will not share access credentials with multiple vendors; MRED will provide distinct credentials to each additional Vendor registered by me at no cost. I also understand that I am required to notify MRED in the event that said Registered Vendor's provision of products or services is terminated.

☐

Check or Money
Order made
payable to MRED.

☐

Credit Card – fill out information below

☐☐☐

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Credit Card Number

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Expiration Date

Broker
Signature _____

Date _____

Participation Data Access Agreement

This **AGREEMENT** is made and entered into by Midwest Real Estate Data LLC ("**MRED**"), with offices at 2443 Warrenville Road Suite 600, Lisle, IL 60532; the real estate brokerage firm identified as "Firm" on the signature page below ("**Firm**"); the Salespersons affiliated with Firm that are identified on the signature page and in Exhibit A, if any (collectively the "**Salesperson Party**"); and the individual or business association identified as "Consultant" on the signature page below, if any ("**Consultant**").

DEFINITIONS

1. For purposes of this Agreement, the following terms shall have the meanings set forth below.

Confidential Information: "Confidential Information" means information or material proprietary to a party or designated "confidential" by the party and not generally known to the public that the other parties may obtain knowledge of or access to as a result of this Agreement. Confidential Information includes, but is not limited to, the following types of information (whether in oral, visual, audio, written or other form): (a) all MRED Data, except to the extent to which this Agreement and the MRED Policies permit its disclosure; (b) IP addresses, access codes and passwords; (c) any information that MRED obtains from any third party that MRED treats as proprietary or designates as Confidential Information, whether or not owned or developed by MRED; (d) any information designated as confidential or private by any applicable state, federal, local or other law, regulation or directive; and (e) any claims and evidence presented by any party in any arbitration under this Agreement. Confidential Information does not include information that is or becomes publicly available by other than unauthorized disclosure by the receiving party; independently developed by the receiving party; received from a third party who has obtained and disclosed it without breaching any confidentiality agreement; or already possessed by the receiving party at the time of its disclosure.

Data Interface: The transport protocols and data storage formats provided by MRED for use by Firm, Salesperson Party, and Consultant; MRED may modify the Data Interface in its sole discretion from time to time.

Firm-Related Persons: Consultant, if any, and employees of Firm who are not Salespersons or broker/managers.

Firm Internal Use: Any use of those portions of the MRED Data relating to Firm's own listings, including public display by a third party ("3rd Party Public Display"); and any use of those portions of the MRED Data relating to listings of Participants other than Firm that exposes MRED Data only to Firm-Related Persons and to Salespersons affiliated with Firm, subject to the MRED Policies.

IDX: Use and display of portions of the MRED Data under the MRED's Broker Reciprocity Program provisions of the MRED Policies.

Mobile Applications: Any displays of IDX data authorized by MRED Policies and listed in Exhibit A that are not web sites.

MRED Data: Data relating to real estate for sale, previously sold, or listed for sale, and to MRED Participants (including text, photographs, and all other data formats now known or hereafter invented) entered into MRED's databases by MRED Participants and MRED, or on their behalf.

MRED Policies: MRED's Rules and Regulations, as amended from time to time, and any operating policies promulgated by MRED.

Participant: This term has the meaning given to it in the MRED Policies. For purposes of this Agreement, "Participant" does not apply to participants of MLSs other than MRED. Where applied in this Agreement to Participants other than Firm, "Participant" also includes Salespersons affiliated with those Participants for whom the Participants are responsible under the laws of the State of Illinois.

Salesperson: Any person holding a real estate license in Illinois who is not a Participant but who is subject to a Participant's supervision under the laws of Illinois.

Second Level Domain: "Second Level Domain" has the meaning given to it in this paragraph. "**URL**" means a web address, including the "http://" and any material appearing after a slash in the address. "**Domain Name**" means a URL, less the "http://" and any material appearing to the right of the next slash ("/") in the address. (So for example, in the URL "Http://janesmith.abcrealty.com/homepage.html", the Domain Name is "JANESMITH.ABCREALTY.COM".) "**Top Level Domain**" means the portion of the Domain Name to the right of the right-most period. (In the example, "COM".) "**Second Level Domain**" means that portion of a domain name to the left of the right-most period, up to the second period from the right, if any, plus the Top Level Domain. (In the example, "ABCREALTY.COM".) "**Third Level Domain**" means that portion of a domain name to the left of the second period from the right, if any, up to the third period from the right, if any, plus the Second Level Domain. (In the example, "JANESMITH.ABCREALTY.COM".)

VOW: Use and display of portions of the MRED Data under the Virtual Office Website (VOW) provisions of the MRED Policies.

MRED'S OBLIGATIONS

2. MRED grants to Firm and Salesperson Party a non-exclusive, world-wide license to make copies of, display, perform, and make derivative works of the MRED Data, during the term of this Agreement, only to the extent expressly permitted by and subject at all times to the terms and restrictions of this Agreement; any other use of the MRED Data is hereby prohibited. All licenses hereunder shall terminate upon the termination of this Agreement. This Agreement is a non-exclusive license, and not a sale, assignment, or exclusive license. MRED retains all rights not expressly granted herein.

3. MRED agrees to provide to Firm, Salesperson Party, and Consultant, during the term of this Agreement, (a) access to the MRED Data via the Data Interface under the same terms and conditions MRED offers to other MRED Participants; (b) seven days' advance notice of changes to the Data Interface; and (c) seven days' advance notice of changes to the MRED Policies. MRED does not undertake to provide technical support for the Data Interface or the MRED Data. The Data Interface, together with access to the MRED Data, may from time-to-time be unavailable, whether because of technical failures or interruptions, intentional downtime for service or changes to the Data Interface, or otherwise. Any interruption of access to the Data Interface or MRED Data shall not constitute a default by MRED under this Agreement.

FIRM'S OBLIGATIONS

4. Firm and Salesperson Party shall comply with the MRED Policies at all times. In the event of any perceived conflict between the MRED Policies and this Agreement, the MRED Policies shall govern.

5. Firm and Salesperson Party shall use the MRED Data obtained under this Agreement for Firm Internal Use, IDX, and VOW use only. Any other use is strictly prohibited. Firm and Salesperson Party shall not make the MRED Data or the Confidential Information available to any third party unless expressly authorized to do so under this Agreement. Firm and Salesperson Party may display the MRED Data on a web site available to the public only to the extent permitted by the MRED Policies and then only on a site or sites resident at the second-level and third-level domain(s) Mobile Applications, indicated on the signature page and in Exhibit A of this Agreement. The provisions of this paragraph shall survive the expiration or other termination of this Agreement in perpetuity.

6. Firm and Salesperson Party acknowledge that ownership and use rights relating to copyrights in the MRED Data are defined in the MRED Policies or in the terms of the participant and subscriber agreements between MRED Firm and Salesperson Party, or both. Firm and Salesperson Party shall not challenge or take any action inconsistent with MRED's ownership of or rights in the MRED Data. The provisions of this paragraph shall survive the expiration or other termination of this Agreement in perpetuity.

7. If MRED notifies Firm or Salesperson Party of a breach of the MRED Policies or this Agreement and Firm or Salesperson Party does not immediately cure the breach, Firm and Salesperson Party shall hold Consultant harmless from any liability arising from Consultant's cooperation with MRED under Paragraph 10.

8. Firm and Salesperson Party shall pay the fees, if any, that MRED customarily charges other MRED Participants for data access. Firm and Salesperson Party acknowledge receipt of MRED's current schedule of such fees, if any. MRED may in its sole discretion establish or modify its schedule of fees upon 30 days' written notice to Firm and Salesperson Party. Firm and Salesperson Party shall be liable for all costs, including reasonable attorney fees, associated with collecting amounts due under this Agreement.

9. Firm is responsible for the performance of Salesperson's obligations under this Agreement as if Salesperson had signed this agreement and Firm had agreed to be surety for Salesperson's obligations hereunder. Firm is surety for Salesperson Party's and Consultant's obligations under this Agreement. The provisions of this paragraph shall survive the expiration or other termination of this Agreement in perpetuity.

CONSULTANT'S OBLIGATIONS

10. Consultant shall immediately correct any breach of this Agreement or violation of the MRED Policies within its control, whether committed by Firm, Salesperson Party, or Consultant, upon notice from MRED.

11. Consultant acknowledges that (as among the parties to this Agreement) Firm and MRED possess all right, title, and interest in all copyrights in the MRED Data. Consultant shall not challenge or take any action inconsistent with MRED's and Firm's ownership of or rights in the MRED Data. The provisions of this paragraph shall survive the expiration or other termination of this Agreement in perpetuity.

12. Consultant shall not make the MRED Data or the Confidential Information available to any third party, except on behalf of Firm and Salesperson Party and in a manner consistent with Firm's and Salesperson Party's obligations under Paragraphs 4 through 9 of this Agreement; nor shall it make any other use of the MRED Data, whether commercial or personal. **In the event that Consultant provides services to Participants other than Firm (or to Salespersons affiliated with Firm other than the Salesperson Party), Consultant must enter separate contracts with MRED. Consultant must ascertain, using the Data Interface on a daily basis, that each Participant to which Consultant provides services remains an eligible Participant; and in the case of Salespersons, that each Salesperson Party remains affiliated with Firm. Failure to comply with the provisions of this paragraph, will result in MRED terminating all of Consultant's access to the MRED Data under this Agreement and all similar agreements.** The provisions of this paragraph shall survive the expiration or other termination of this Agreement in perpetuity.

13. Consultant warrants that any effort or use of the MRED Data will not constitute patent infringement of any third party. The provisions of this paragraph shall survive the expiration or other termination of this Agreement in perpetuity.

14. Consultant shall pay the fees, if any, that MRED customarily charges other consultants for data access. Consultant acknowledges receipt of MRED's current schedule of such fees, if any. MRED may in its sole discretion establish or modify its schedule of fees upon 30 days' written notice to Consultant. Consultant shall be liable for all costs, including

reasonable attorney fees, associated with collecting amounts due under this Agreement.

15. Consultant is surety for Firm's and Salesperson Party's obligations to pay fees under Paragraph 8. The provisions of the preceding sentence shall survive the expiration or other termination of this Agreement in perpetuity. Consultant shall notify MRED within five business days of any change to the information relating to it in this Agreement, including change of its corporate name or address.

AUDITS OF COMPLIANCE

16. MRED may, or at its option may engage an independent third party to, review, inspect, and test the books, records, equipment, and facilities of Firm, Salesperson Party, and Consultant to the extent reasonably necessary to ascertain Firm's, Salesperson Party's, and Consultant's compliance with this Agreement ("Audit"). MRED may conduct an Audit upon any notice reasonable under the circumstances. Audit activities may include, without limitation, obtaining full access to Firm's, Salesperson Party's, and Consultant's web sites, Mobile Applications, and systems to ensure that MRED Data is displayed in accordance with the MRED Policies; using all features available to end-users of Firm's, Salesperson Party's, and Consultant's systems that employ the MRED Data; and posing as consumers to register and test services Firm, Salesperson Party, and Consultant make available to consumers using the MRED Data. MRED shall pay the costs it incurs, and the out-of-pocket costs Firm, Salesperson Party, and Consultant incur, as part of any Audit; provided, however, Firm or Salesperson Party shall be liable for all costs of any Audit that discloses that Firm, Salesperson Party, or Consultant has breached this Agreement. The provisions of this paragraph shall survive the expiration or other termination of this Agreement for one year.

CONFIDENTIAL INFORMATION

17. The parties shall protect the Confidential Information with the same degree of care they take to protect their own sensitive business information of like kind, but in no event less than reasonable care. A party may disclose Confidential Information if such disclosure is required by law or court order; provided, however, that such party makes commercially reasonable efforts to notify the others in writing in advance of disclosure. Within five days after termination of this Agreement, the receiving party shall return to the disclosing party all Confidential Information of the disclosing party. The receiving party shall also erase or destroy Confidential Information stored on magnetic media or other computer storage. An officer of the receiving party shall certify in writing that all materials have been returned or destroyed.

TERM AND TERMINATION

18. The term of this Agreement begins on the date that MRED signs it. This Agreement shall terminate upon the occurrence of any of the following events: (a) immediately upon termination of Firm's privileges as a Participant in MRED; (b) 30 days after any party's notice to the others of its intent to terminate; (c) 10 days after any party's notice to another that the other has breached this Agreement, provided the breach remains uncured; (d) immediately upon any party's notice to another that the other has breached this Agreement, provided the breach is not susceptible to cure, is one of a pattern of repeated breaches, or has caused the party giving notice irreparable harm; (e) immediately upon Firm's notice to a Consultant that Consultant is no longer designated to provide IDX or VOW services to it; (f) with regard to any Salesperson Party, immediately upon any event that results in the Salesperson Party no longer being affiliated with Firm; (g) as provided in Paragraphs 28 and 31.

19. In the event Firm's privileges as a Participant (or Salesperson Party's privileges of affiliation with Firm) are terminated while this Agreement is in effect, and MRED subsequently reinstates those privileges, this Agreement shall automatically be reinstated if MRED resumes its obligations under Paragraphs 2 and 3. In the event Firm, Salesperson Party, or Consultant breaches this Agreement and entitles MRED to

terminate under Paragraph 18, MRED may in its sole discretion suspend its performance instead of terminating this Agreement. MRED may make this election by notice to the other parties within three days after the initiation of the suspension. Firm's, Salesperson Party's, and Consultant's obligations hereunder continue during any period of suspension. In the event of any suspension or termination of this Agreement, Firm, Salesperson Party, and Consultant shall make no further use of the MRED Data or any derivative works based on it (except the portions of it relating to Firm's own listings) until and unless Firm's or Salesperson Party's rights under this Agreement are restored.

GENERAL PROVISIONS

20. **Applicable law.** This Agreement shall be governed by and interpreted according to the laws of the State of Illinois, without regard to its conflicts and choice of law provisions.

21. **Survival of Obligations.** The "Definitions," "Confidential Information," and "General" provisions of this Agreement shall survive its termination or expiration in perpetuity. Other provisions shall survive according to their terms.

22. **MRED's Remedies.** (a) Injunctive relief: Because of the unique nature of the MRED Data and Confidential Information, Firm, Salesperson Party, and Consultant acknowledge and agree that MRED would suffer irreparable harm in the event that any of them breaches or threatens to breach its obligations under this Agreement, and that monetary damages would be inadequate to compensate MRED for a breach. MRED is therefore entitled, in addition to all other forms of relief, to injunctive relief to restrain any threatened, continuing or further breach by Firm, Salesperson Party, or Consultant, or any one of them, without showing or proving any actual damages sustained by MRED, and without posting any bond. (b) Liquidated damages: Firm, Salesperson Party, and Consultant acknowledge that damages suffered by MRED from access to the MRED Data by an unauthorized third party as a result of disclosure of any passwords or an unauthorized disclosure of the MRED Data to a third party would be speculative and difficult to quantify. Accordingly, as a material inducement to MRED to enter into this Agreement, Firm, Salesperson Party, and Consultant agree that in the event Firm, Salesperson Party, Firm-Related Persons, or Consultant, or its employees, agents, or contractors, disclose any password to access the MRED Data or disclose the MRED Data itself to any unauthorized third party, regardless of whether such disclosure is intentional or negligent, Firm, Salesperson Party, and Consultant shall be liable to MRED for liquidated damages in the amount of \$15,000 for each such disclosure and termination of this Agreement. Liability of Firm, Salesperson Party, and Consultant under this paragraph is joint and several.

23. **Limitation of liability/exclusion of warranties.** IN NO EVENT SHALL MRED BE LIABLE TO FIRM, SALESPERSON PARTY, OR CONSULTANT FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES (EVEN IF MRED HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES), OR LOST PROFITS ARISING FROM THIS AGREEMENT OR ANY BREACH OF IT. IN NO EVENT SHALL MRED BE LIABLE TO FIRM, SALESPERSON PARTY, OR CONSULTANT FOR ANY AMOUNT IN EXCESS OF THE GREATER OF (A) THE FEES FIRM, SALESPERSON PARTY, AND CONSULTANT HAVE PAID MRED, IF ANY, IN THE YEAR IMMEDIATELY PRECEDING THE FIRST EVENT GIVING RISE TO ANY CLAIM FOR DAMAGES; OR (B) \$100. FIRM, SALESPERSON PARTY, AND CONSULTANT ACKNOWLEDGE THAT MRED PROVIDES THE MRED DATA ON AN "AS-IS," "AS-AVAILABLE" BASIS, WITHOUT REPRESENTATIONS OR WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTY OF TITLE, NON-INFRINGEMENT, AND ACCURACY. MRED SHALL NOT BE LIABLE TO FIRM, SALESPERSON PARTY, OR CONSULTANT FOR ANY CLAIM ARISING FROM INACCURACIES IN THE MRED DATA, ANY FAILURE TO UPDATE THE MRED DATA PROMPTLY, OR THE MRED DATA'S INADEQUACY FOR ANY PARTICULAR USE, WHETHER PERSONAL

OR COMMERCIAL. MRED makes no warranty, including those regarding title, availability, or non-infringement, regarding trademarks licensed under this Agreement, if any.

24. **Dispute resolution; Attorney's fees.** In the event MRED claims that Firm, Salesperson Party, or Consultant has violated the MRED Policies, MRED may, at its option, resolve such a claim according to the disciplinary procedures set out in the MRED Policies, provided MRED does not also base a claim that Firm, Salesperson Party, or Consultant has breached this Agreement on the same facts. Except as set forth in the preceding sentence, any controversy or claim to which Consultant is not a party arising out of or relating to this Agreement, or the breach thereof, shall be settled by arbitration administered by the American Arbitration Association under its Commercial Arbitration Rules, including its Optional Rules for Emergency Measures of Protection (collectively, the "Arbitration Rules"), and judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. The parties irrevocably agree, consent, and submit themselves to personal jurisdiction in the courts of the State of Illinois located in DuPage or Cook County or the federal court of the United States situated therein, as applicable, which shall have sole and exclusive jurisdiction over any action under this Agreement not subject to MRED's disciplinary procedures or to arbitration. If any party prevails in an action or proceeding to enforce or interpret this Agreement or any provision hereof, it shall be entitled to reasonable attorney's fees and costs for the legal action.

25. **Indemnification.** Subject to Paragraph 23, in the event a party breaches any provision of this Agreement, that party (the Indemnifying Party) shall indemnify the other parties, their subsidiaries and affiliated companies, and all their respective employees, directors, agents, and authorized successors and assigns (the Indemnified Parties), against any and all losses, damages, and costs (including reasonable attorneys' fees) arising from each claim of any third party resulting from the breach. Consultant indemnifies MRED, Firm, Salesperson Party, or customers of MRED, Firm, or Salesperson Party, to whom Consultant provides a product or service using MRED Data, against any and all losses, damages, and costs (including reasonable attorneys' fees) arising from any third party claim of patent infringement. The Indemnified Parties shall (a) promptly notify the Indemnifying Party of any claim and give the Indemnifying Party the opportunity to defend or negotiate a settlement of any such claim at the Indemnifying Party's expense, and (b) cooperate fully with the Indemnifying Party, at the Indemnifying Party's expense, in defending or settling any claim. The Indemnified Parties shall be entitled to engage their own local counsel at the Indemnifying Party's expense.

26. **Notice.** All notices to be given under this Agreement shall be mailed, sent via facsimile transmission, or electronically mailed to the parties at their respective addresses set forth herein or such other address of which any party may advise the others in writing during the term of this Agreement; and shall be effective the earlier of the date of receipt or three days after mailing or other transmission.

27. **No Waiver.** No waiver or modification of this Agreement or any of its terms is valid or enforceable unless reduced to writing and signed by the party who is alleged to have waived its rights or to have agreed to a modification.

28. **No Assignment.** No party may assign or otherwise transfer any of its rights or obligations under this Agreement to any other party without the prior written consent of all other parties to this Agreement. Any purported assignment or delegation in contravention of this paragraph is null and void, and shall immediately cause this Agreement to terminate.

29. **Entire Agreement; Amendment.** Subject to MRED Policies, this Agreement contains the full and complete understanding of the parties regarding the subject matter of this Agreement and supersedes all prior representations and understandings, whether oral or written, relating to the same. MRED may amend this agreement by providing 30 days' advance notice of the amendment to all other parties; if any party continues to use the Data Interface or the MRED Data after the expiration of the 30-day

notice period, that party will be deemed to have agreed to the terms as amended.

30. **Relationship of the Parties.** The parties hereunder are independent contractors. No party shall be deemed to be the agent, partner, joint venturer, franchisor or franchisee, or employee of MRED or have any authority to make any agreements or representations on the behalf of MRED. Each party shall be solely responsible for the payment of compensation, insurance, and taxes of its own employees.

31. **Severability.** Each provision of this Agreement is severable from the whole, and if one provision is declared invalid, the other provisions shall remain in full force and effect. In the event that any provision of this Agreement is held invalid or unenforceable by a court having jurisdiction over the parties, the invalid or unenforceable provision shall be replaced, if possible, with a valid provision which most closely approximates the intent and economic effect of the invalid provision. In the event any provision of the limitation of liability, exclusion of warranties, or indemnification is held invalid or unenforceable, this Agreement shall immediately terminate.

Participant Data Access Agreement

Under this Agreement, **FIRM AND SALESPERSON PARTY ARE PERMITTED TO WORK ONLY WITH THE CONSULTANT NAMED HERE.** If Firm or Salesperson Party chooses to engage a different consultant or additional consultants, Firm must enter into a new version of this Agreement with MRED and each such consultant. Under this Agreement, **CONSULTANT IS PERMITTED TO WORK ONLY WITH THE FIRM AND SALESPERSON PARTY NAMED HERE.** Consultant may not use data obtained under this Agreement to provide any services to Participants other than Firm, or with Salespersons affiliated with Firm except the Salesperson Party. Consultant must enter into a new version of this Agreement with MRED and each additional Participant or amend this Agreement with MRED to add additional Salespersons affiliated with Firm as Salesperson Parties.

If Firm or Salesperson Party will perform its own technical work and there is no Consultant party to this Agreement, Firm should cross out the Consultant signature box. If this Agreement is for services to Firm only, and there is no Salesperson Party, Firm should cross out the Salesperson Party signature box.

This Agreement is for the following uses (check all that apply): ☐ **IDX** ☐ **VOW** ☐ **Firm Internal Use**
☐ **3rd Party Public Display (or "3rd Party")**

<p>MRED: Midwest Real Estate Data LLC</p> <p>_____ Signature</p> <p>_____ Name</p> <p>Date: _____ (effective date of this Agreement)</p> <p>Contact for notices and operations matters</p> <p>Name: _____ Phone: _____ Email: _____</p>	<p>CONSULTANT</p> <p>_____ Consultant name</p> <p>_____ Signature of owner or officer</p> <p>_____ Name of owner or officer</p> <p>Contact for notices and operations matters</p> <p>Name: _____ Phone: _____ Email: _____ Mailing: _____</p>
<p>FIRM</p> <p>_____ Firm name</p> <p>_____ Signature of owner or officer</p> <p>_____ Name of owner or officer</p> <p>Contact for notices and operations matters</p> <p>Name: _____ Phone: _____ Email: _____ Mailing: _____</p> <p>_____ Second or Third Level Domain or Mobile Application:</p> <p><input type="checkbox"/> IDX <input type="checkbox"/> VOW (If more than one will be used, specify each in Exhibit A.)</p>	<p>SALESPERSON PARTY</p> <p>(If there is more than one, have each named and sign on Exhibit A.)</p> <p>_____ Salesperson Party name</p> <p>_____ Signature of Salesperson Party</p> <p>Contact for notices and operations matters</p> <p>Name: _____ Phone: _____ Email: _____ Mailing: _____</p> <p>_____ Second or Third Level Domain or Mobile Application:</p> <p><input type="checkbox"/> IDX <input type="checkbox"/> VOW (If more than one will be used, specify each in Exhibit A.)</p>

Data Access Agreement - Additional Requirements

Midwest Real Estate Data LLC Participant Data Access Agreement

Exhibit A – Additional Requirements

1. Additional Domains. In addition to the Second and Third Level Domains specified on the signature page Firm, Salesperson Party, and Consultant may display MRED Data subject to the terms of this Agreement at the following Second and Third Level Domains and Mobile Applications (attach additional pages if necessary):

_____	<input type="checkbox"/> IDX	<input type="checkbox"/> VOW	<input type="checkbox"/> 3 rd Party
_____	<input type="checkbox"/> IDX	<input type="checkbox"/> VOW	<input type="checkbox"/> 3 rd Party
_____	<input type="checkbox"/> IDX	<input type="checkbox"/> VOW	<input type="checkbox"/> 3 rd Party
_____	<input type="checkbox"/> IDX	<input type="checkbox"/> VOW	<input type="checkbox"/> 3 rd Party
_____	<input type="checkbox"/> IDX	<input type="checkbox"/> VOW	<input type="checkbox"/> 3 rd Party
_____	<input type="checkbox"/> IDX	<input type="checkbox"/> VOW	<input type="checkbox"/> 3 rd Party

2. Additional Salesperson Parties: If there are two or more Salesperson Parties, each Salesperson Party after the first is identified by name here, and each must sign this Agreement. Each Salesperson Party listed here consents to MRED making communications and notices under this Agreement to Firm only. (Attached additional pages if necessary.)

_____	_____
Name	Signature

_____	_____
Name	Signature

_____	_____
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