

Enterprise Reporting

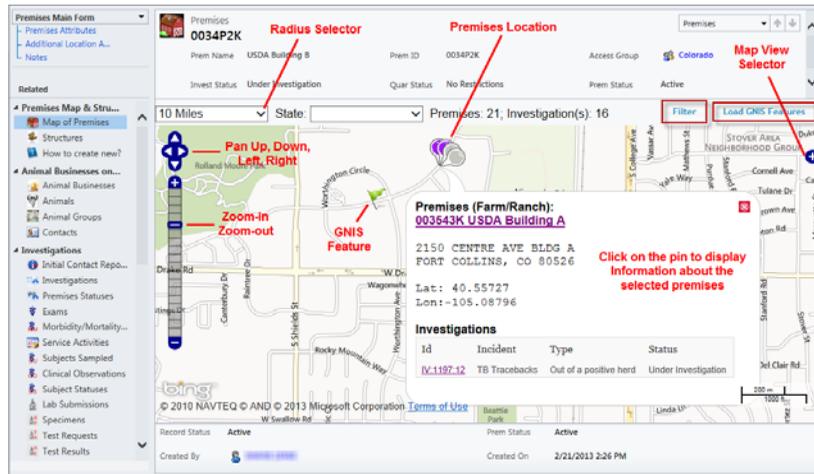
The Enterprise Reporting application area allows users to view reports and dashboards. Enterprise Reporting includes:

- Reports
- Dashboards
- Products
- EMRS Map



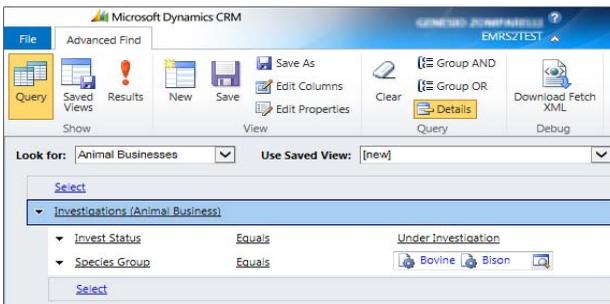
Premises Mapping and Geographic Names Locators

Premises locations are displayed on a map using a color-coded pin. If there are other premises located within the user-specified radius of the current premises these will be displayed as well. The user can click on a pin to display information about the premises. Users may choose to display geographic features, such as lakes and parks, using data from the Geographic Names Information System (GNIS) by clicking on the Load GNIS Features button and selecting the features to display. GNIS features are displayed on the map using green flags.



Premises Address Validation

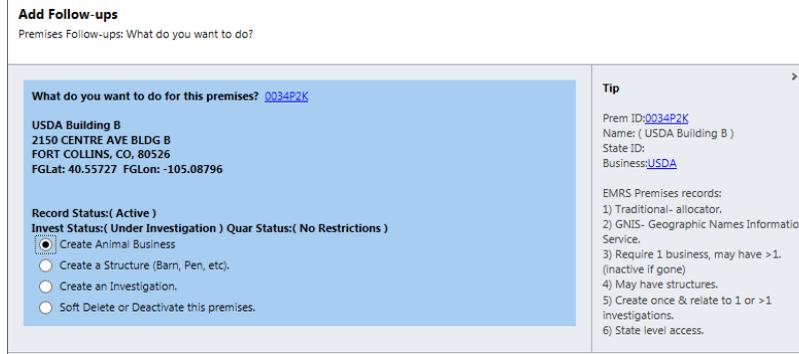
In the premises view the user may register a premises or find a Prem ID for a specified address. The EMRS 2 application uses a web service to validate premises addresses and assign premises ids. The EMRS 2 application allows the user to submit an exception request to the Help Desk when a premises address cannot be validated.



Custom Dialogs

The core functionality of EMRS 2 depends on the relationships between the various entities.. A premises is related to a business and businesses are related to animals, and so on. Dialogs manage these relationships as users work through the processes involved in an investigation.

Dialogs make it easy for users to focus on entering data quickly without having to manage the relationships between entities. The dialogs in EMRS 2 consist of simple pop-up screens that prompt the user to make a selection or input data related to a specific entity. They work much like the wizards used in popular programs that most users are familiar with. Users simply provide the data and the dialog generates the record in the background and maintains the necessary relationships between entities.



Security Roles

All users must have at least one security role; some users may have more than one security role.

Business Units

All users belong to a Business Unit (BU); Business Units create the depth of the organization's structure. BUs are hierarchical and may have multiple child BUs.

Teams

Users may belong to one or more teams. Teams also have security roles and can own records.

Multidimensional Permissions

Security roles specify the breadth of a user's or team's privileges and the depth to which they are employed. Security roles use depth and privilege to create a multidimensional set of permissions.

- Create
- Read
- Write
- Delete
- Append (permits the user/team to attach an instance of the specified entity to another record as a child)
- Append To (permits the user/team to attach other records to the specified entity)
- Assign (not available for organization-owned entities)
- Share (not available for organization-owned entities)

User Privileges

Privileges are the actions that a user may perform on a specific entity.

Access Levels

Access levels determine the scope or range of records upon which a user may perform the privileges.

None. The user cannot perform the privilege on any records. User. The privilege can only be performed on records the user owns.
Business Unit. The privilege can be performed on records in the user's Business Unit, regardless of who owns the record.
Parent-Child Business Units. The privilege can be performed on records in the user's Business Unit, or on any records in Business Units parented by user's BU.
Organization. The Privilege can be performed on any record in the organization.



Emergency Management Response Services 2 Quick Look

What is EMRS 2?

EMRS 2 is a web-based application used for reporting of routine investigations of foreign animal diseases (FAD), state specific disease outbreaks, and for national animal health emergency responses. EMRS 2 may also be used in the Incident Command System. The user experience has been greatly enhanced in this new application to make it easier for users to input data and manage the tasks involved in a FAD investigation.

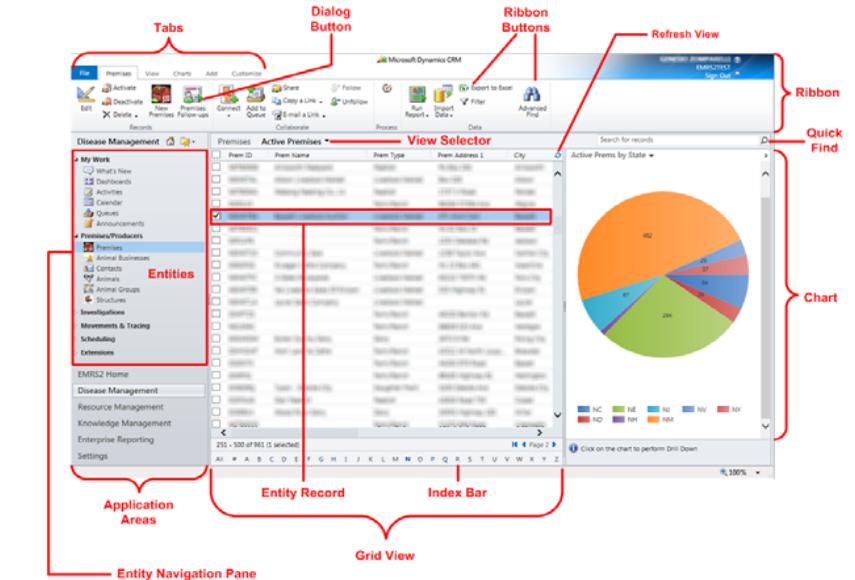
What are its Objectives?

The EMRS 2 application has four main objectives:

- Investigation (Incident) Management
- Resource Management
- Knowledge Management
- Enterprise Reporting

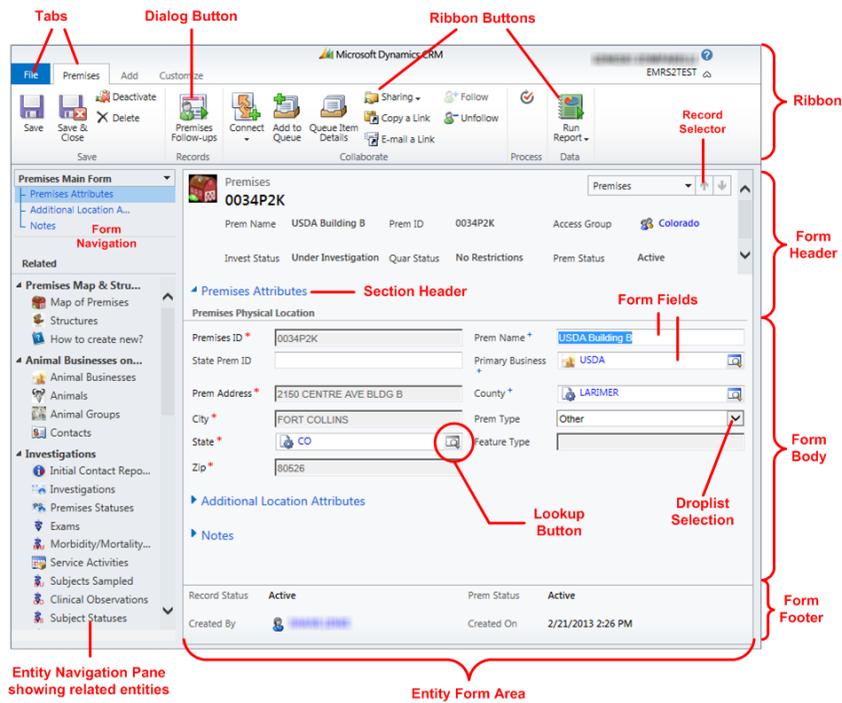
EMRS 2 and Microsoft Dynamics CRM

The EMRS 2 application was developed using the Microsoft Dynamics CRM 2011 framework. This allows the developer to focus on the functionality of the application without having to write extensive code for the user interface. Although the user interface has been customized for EMRS 2 it retains the look and feel of Microsoft Office 2010 applications.



EMRS 2 Grid View

Entity Records are displayed in a grid view. The left navigation pane displays the entities and application areas. The chart pane can be closed to show more columns in the grid view.



EMRS 2 Custom Entities

An entity is a single person, place, or thing about which data can be stored. It can be some unit of data that can be classified and have stated relationships to other entities. Some custom entities used by the EMRS 2 application include: Premises, Animal Businesses, Contacts, Animals, Animal Groups, Exams, Investigations, Lab Submissions, and Structures. Entities are tables in a database where records are stored.

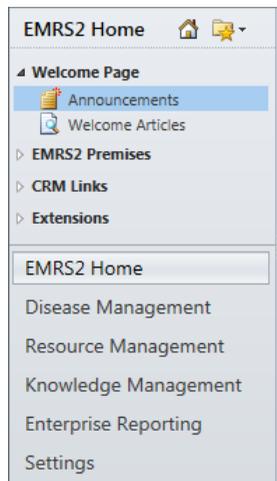
The EMRS 2 navigation pane is divided into two distinct panes. Application areas are in the bottom pane. The upper pane shows the entities that are part of the selected application area.

There are four application areas in addition to a Home Page and a Settings Page. The four application areas are:

- Disease Management
- Resource Management
- Knowledge Management
- Enterprise Reporting

Access to these areas is controlled by the user's assigned roles. Users may only see records allowed by their roles.

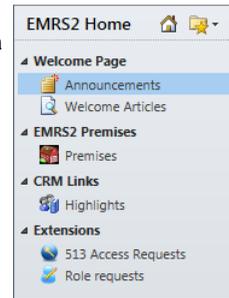
EMRS 2 Navigation Pane



EMRS 2 Home Page

The EMRS 2 Home navigation area is organized into the following tabbed sections:

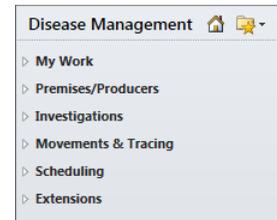
- Welcome Page
- EMRS2 Premises
- CRM Links
- Extensions



Disease Management

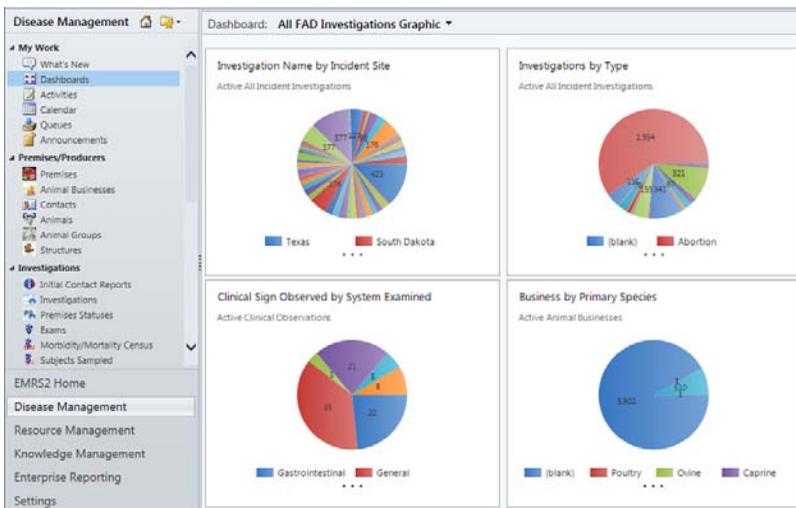
The Disease Management application area consists of the following six tabbed sections:

- My Work
- Premises/Producers
- Investigations
- Movements & Tracing
- Scheduling
- Extensions



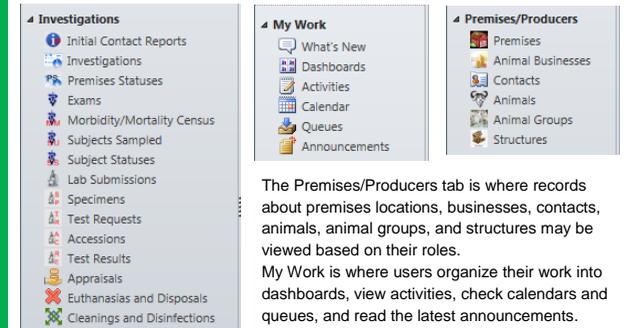
Users may see the following System dashboards under the My Work tab:

- All FAD Investigations Graphic
- Animals & Animal Groups
- Current FAD Investigations
- FAD Lab capacity
- Initial Contact Reports and FAD Investigations
- Investigations by Incident Report
- Lab Testing Activity Mitigations
- Permits
- Premises & Business Units Dashboard
- Resource Orders
- Subjects Sampled
- Tracing



Disease Management Entities Include:

- Investigations
- My Work
- Premises / Producers



The Premises/Producers tab is where records about premises locations, businesses, contacts, animals, animal groups, and structures may be viewed based on their roles.

My Work is where users organize their work into dashboards, view activities, check calendars and queues, and read the latest announcements.

Other Disease Management entities include: Movements & Tracing, Scheduling and Extensions

Much of the work done by users will take place in the Investigations navigation area. Users may view records for the following entities:

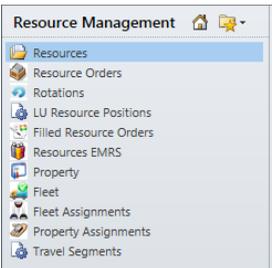
Initial Contact Reports, Investigations, Premises Statuses, Exams, Test Results, Subjects Sampled, Morbidity/Mortality Census, Specimens, Lab Submissions, Test Requests, Accessions, Appraisals, Euthanasia and Disposals, and Cleanings and Disinfections.



Animal movements and permit records may be viewed in the Movements & Tracing tab in the Disease Management application area.

The Resource Management application area includes:

- Resources & Resource Orders
- LU Resource Positions (lookups)
- Rotations
- Filled Resource Orders
- Resources EMRS
- Property
- Fleet
- Fleet Assignments
- Property Assignments
- Travel Segments



Resource Management

Knowledge Management Templates & KBA FAD Research Outreach

The Outreach section contains CRM specific information. With the exception of Contacts, this information has not been utilized for the EMRS 2 application.

The Templates and KBA section allows the user to view:

- Outreach Materials
- Templates
- Articles

The FAD Reference area includes:

- Grey Book
- FAD Prep 1: Roles & responsibilities
- FAD Prep 2: response Strategies
- NAHEMS Guidelines
- CAHEMS Toolkit
- Outbreak Toolbox

