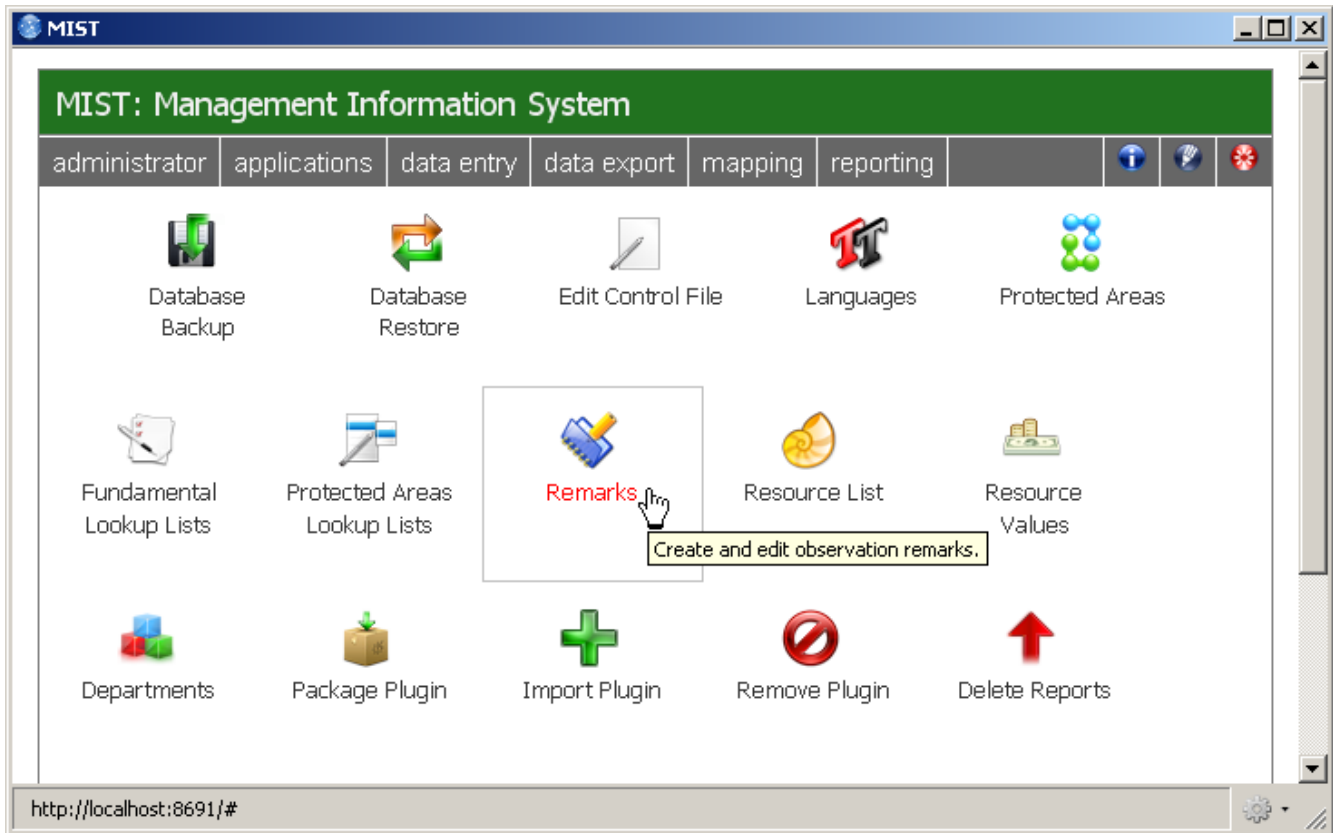
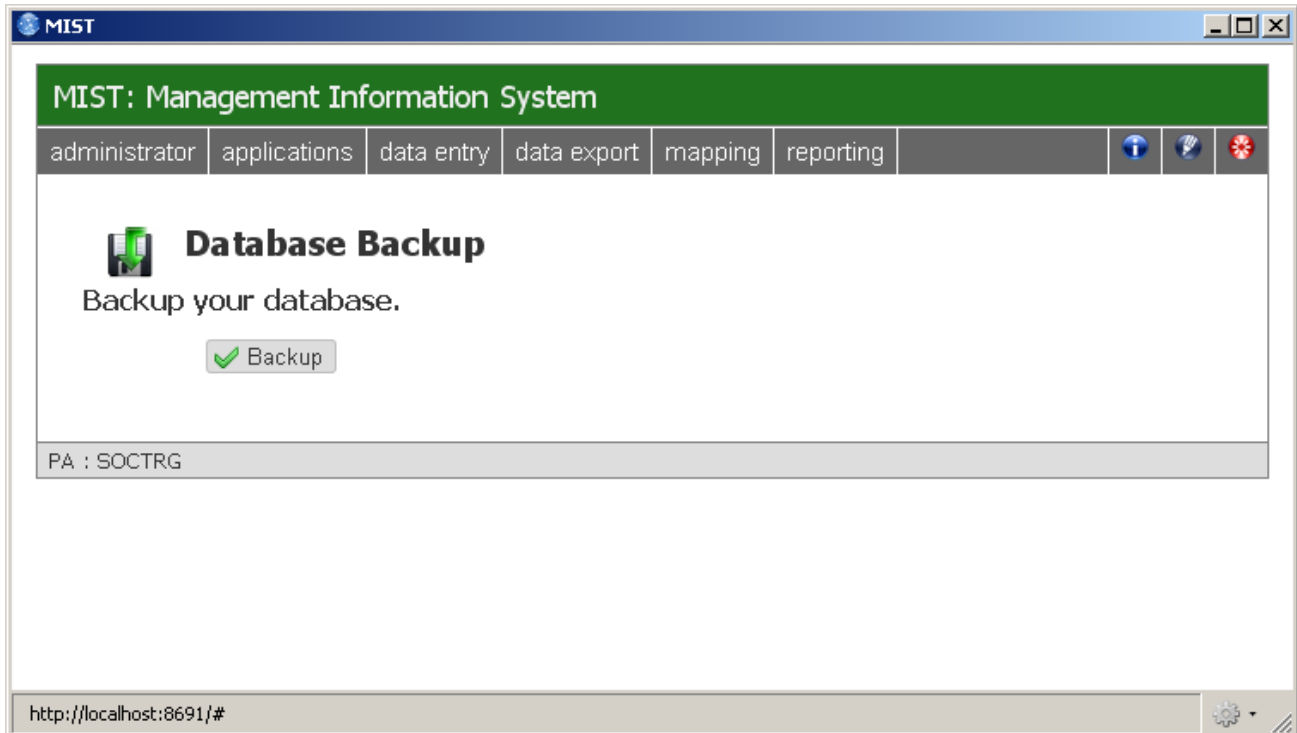


A new and simplified user interface to access topics and features quickly.

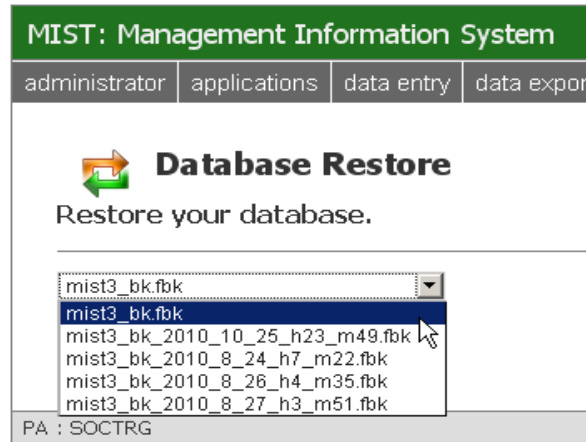


Tasks were made more simple to perform.

It does not get more simple than backing up a MIST 3 database.

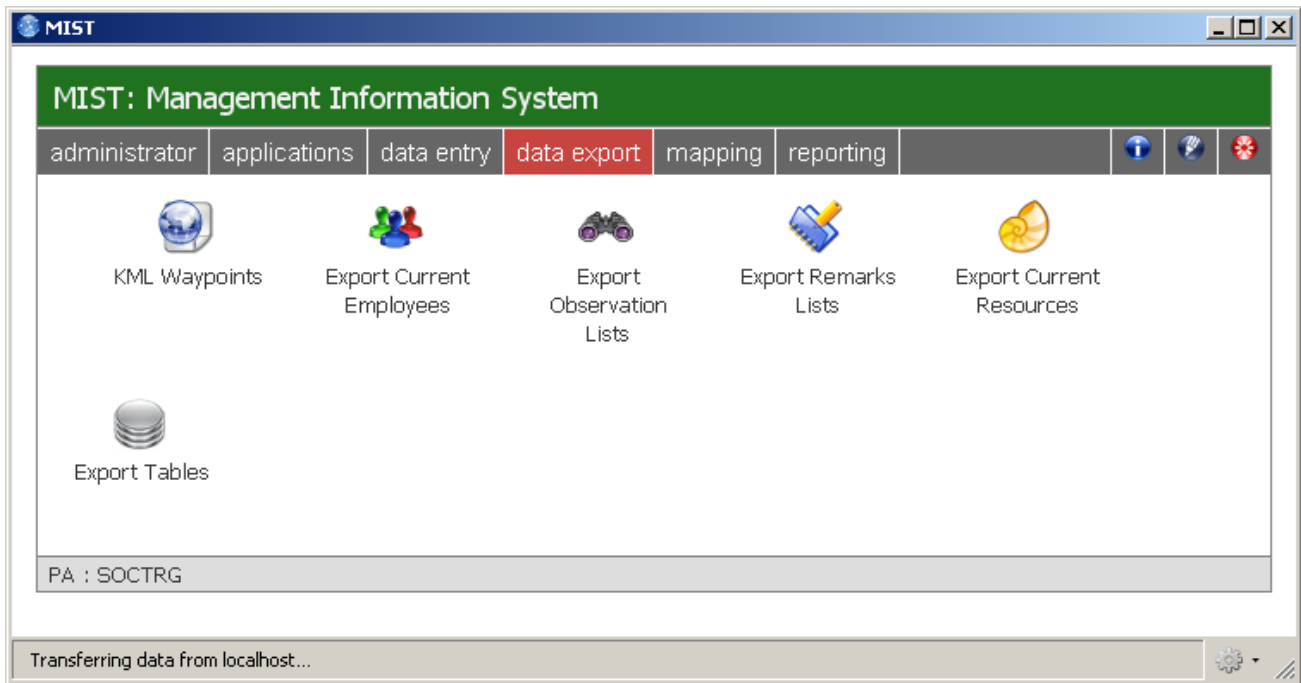


Or to restore:



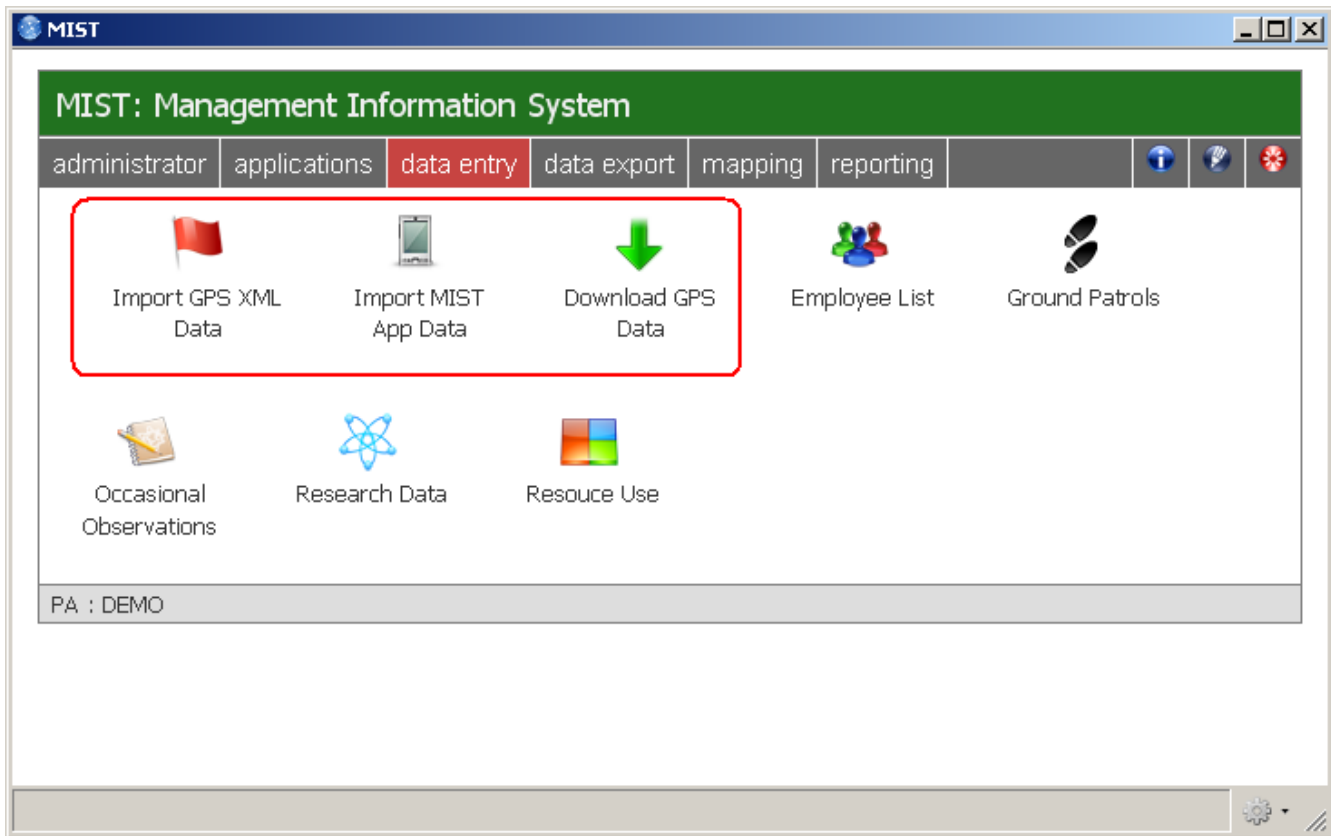
Data import/export functions:

Several different import/export option are available for MIST 3, and more can be easily added for custom data formats.

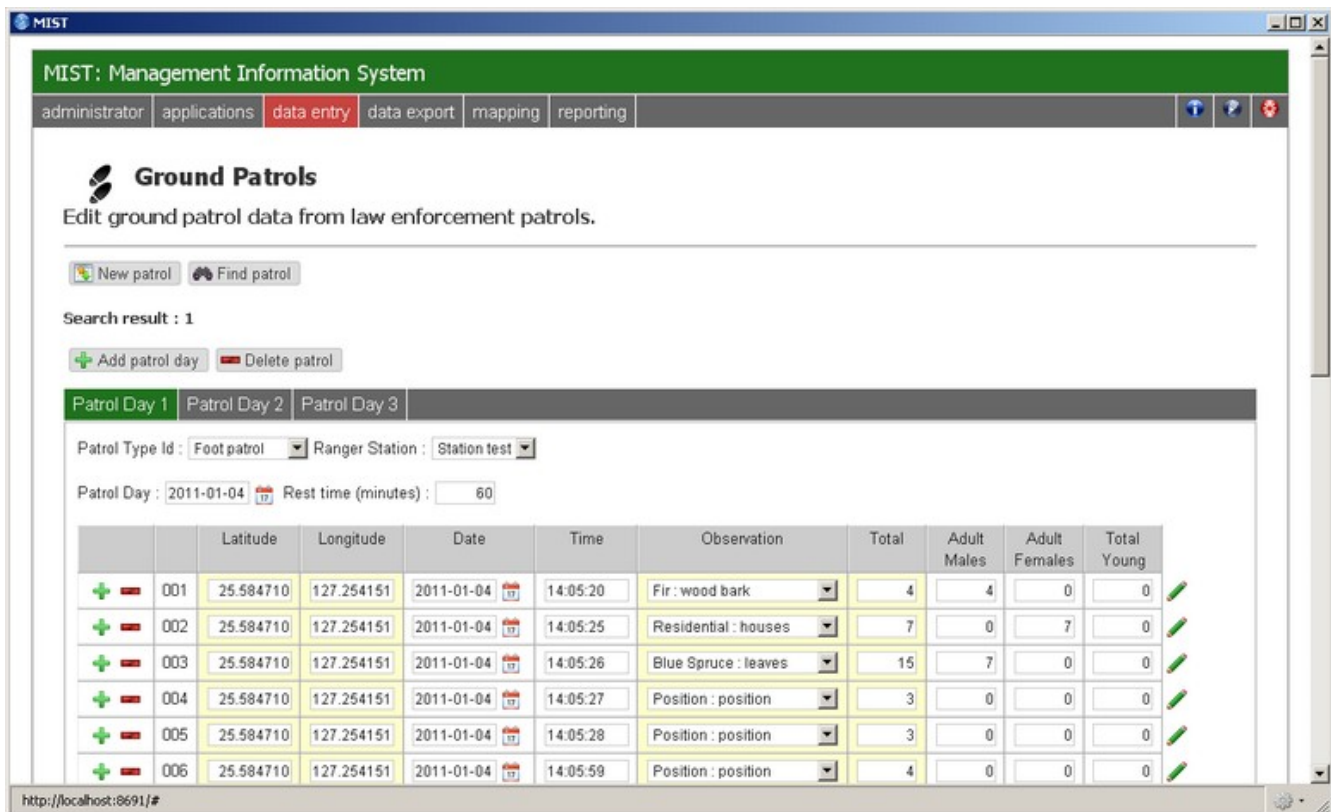


Provides options for direct collection and download of data from hand-held electronic device:

MIST 3 already has an existing phone application for data collection (works on supported dumb and smart phones) : http://www.ecostats.com/software/mist/tutorials/mist_sd_t1.htm (requires Flash)



and manual data entry:



Has standard tools for creating standard and custom queries for reports, mapping and charting of data:

MIST: Management Information System

administrator applications data entry data export mapping reporting

Report Source Builder

Create new reporting sources by combining data from different tables.

Select a database table:

Ground Patrol Observations

Ground Patrol

Ground Patrols

Ranger Stations

Give the report source a name :

MIST: Management Information System

administrator applications data entry data export mapping reporting

Report Builder

Create new report templates for reporting from the MIST database.

Report Title :

Select Reporting Options :

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Database Field	Display As
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	resource_id	Resource Id
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input checked="" type="checkbox"/>	amount	Amount
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input checked="" type="checkbox"/>	<input type="checkbox"/>	total_time_less_than_hour	total time less than hour
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input checked="" type="checkbox"/>	<input type="checkbox"/>	total_time_greater_than_hour	total time greater than hour
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	common_name	Common Name
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	resource_unit	Resource Unit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	layer_name	layer name
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	geometry_name	geometry name
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	lk_resource_zone_id	lk resource zone id
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	pa_id	Protected Area Id
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	attributes	attributes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	geom	GEOM
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	count	<input type="checkbox"/>	<input type="checkbox"/>	gid	GID

Includes inbuilt Help function:

The included framework provides a means for each plug-in and feature of MIST to show help. It is up to 3rd party plug-in authors to provide help for their plug-ins using the framework option or any other help system of their choice.



Ground Patrols Help

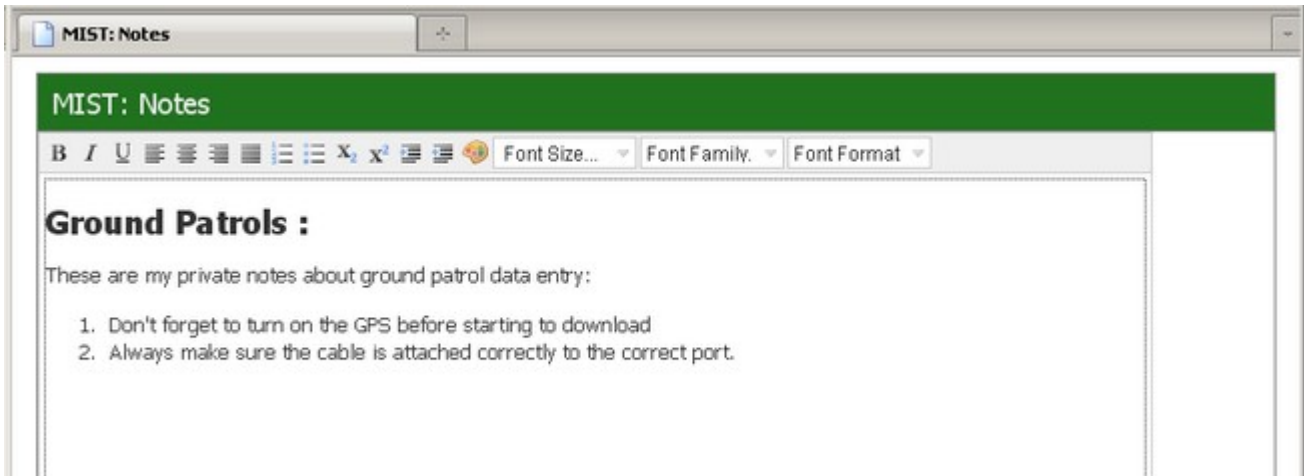
How to edit ground patrol data from law enforcement patrols.

You may either add data to a new ground patrol dataset manually, or edit an existing record.

To create a new ground patrol record:

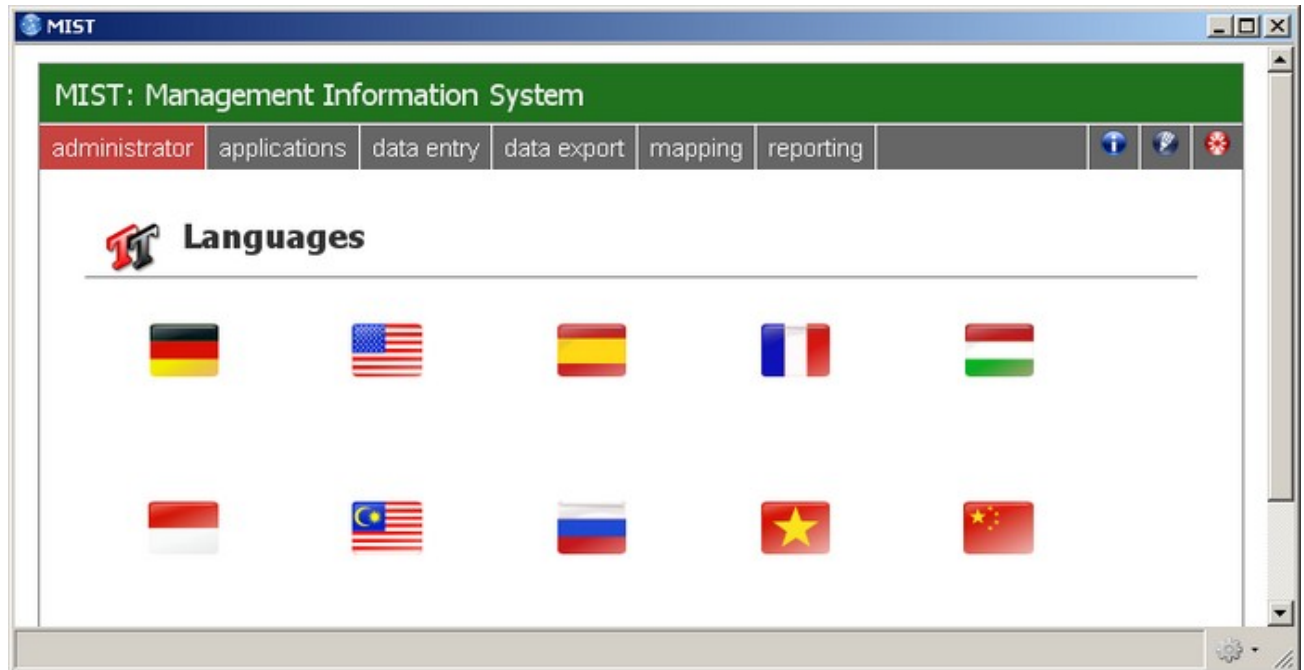
1. select the  New patrol button

MIST also allows users to take their own notes on any topic for their own reference.

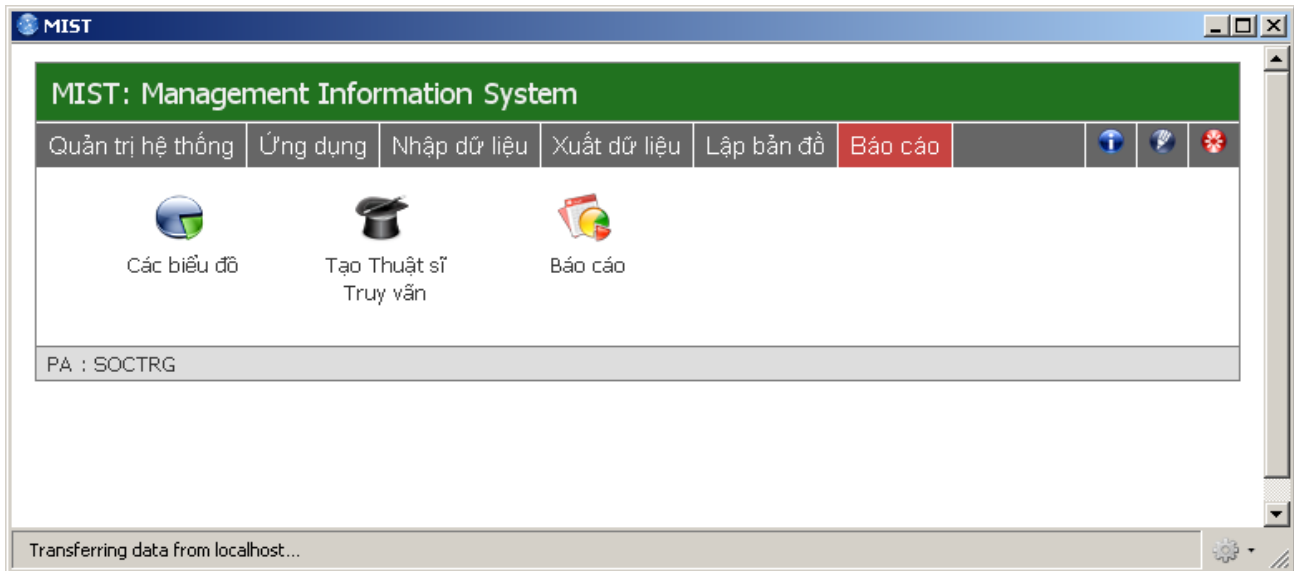


Localization into regional languages and cultures:

MIST in any local language and regional settings is possible.

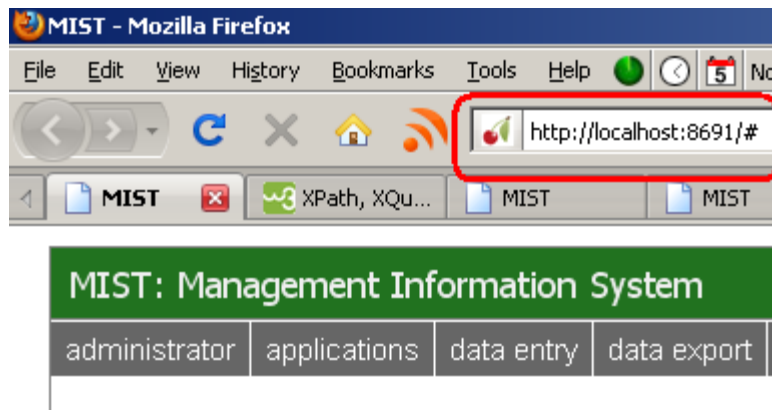


Example, MIST in Vietnamese:



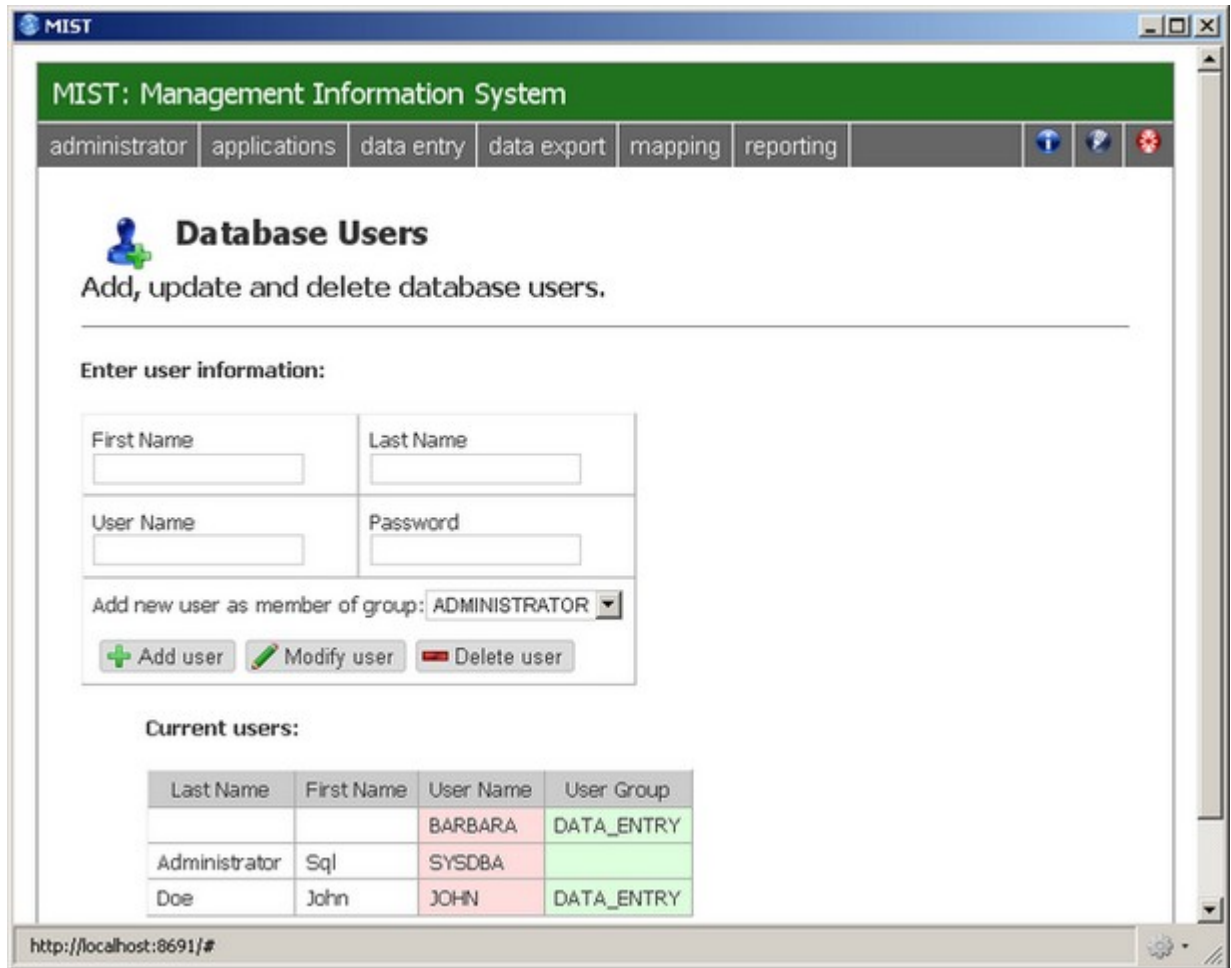
Runs on a desktop without any Internet connection, and easily scales to LAN or WAN use.

MIST runs a local HTTP service on its own without any need to connect to a remote site, but is also instantly available on a network both LAN and WAN when and if desired, and data over a WAN can be delivered using other HTTP engines such as Apache.

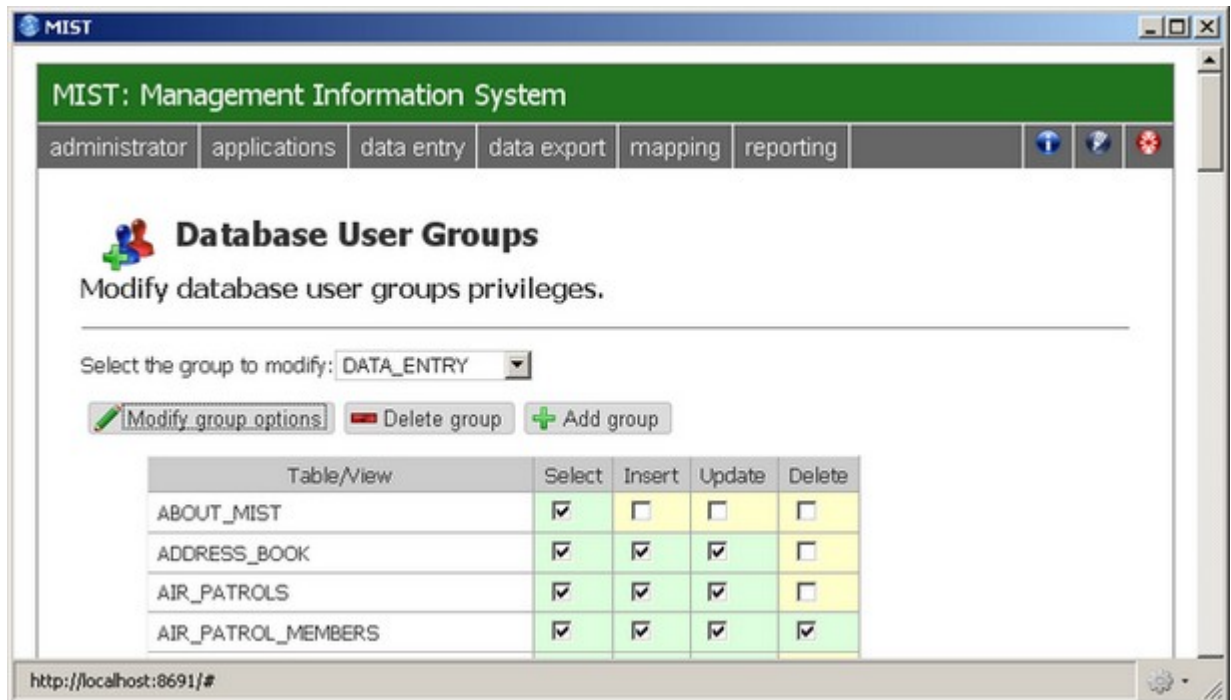


The application must support restricted/privileged access rights for different user levels.

MIST users:



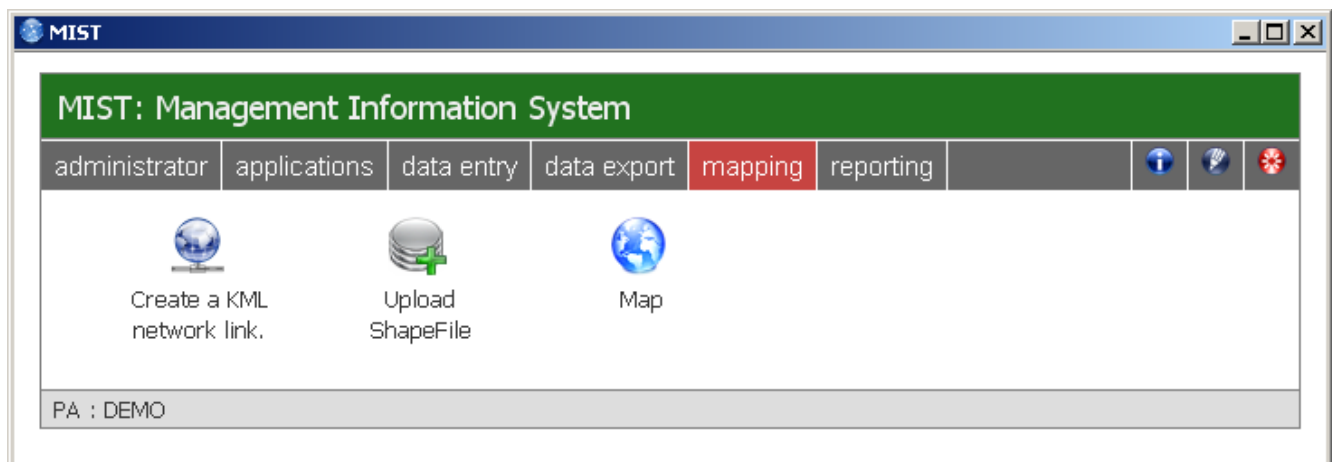
User Rights:



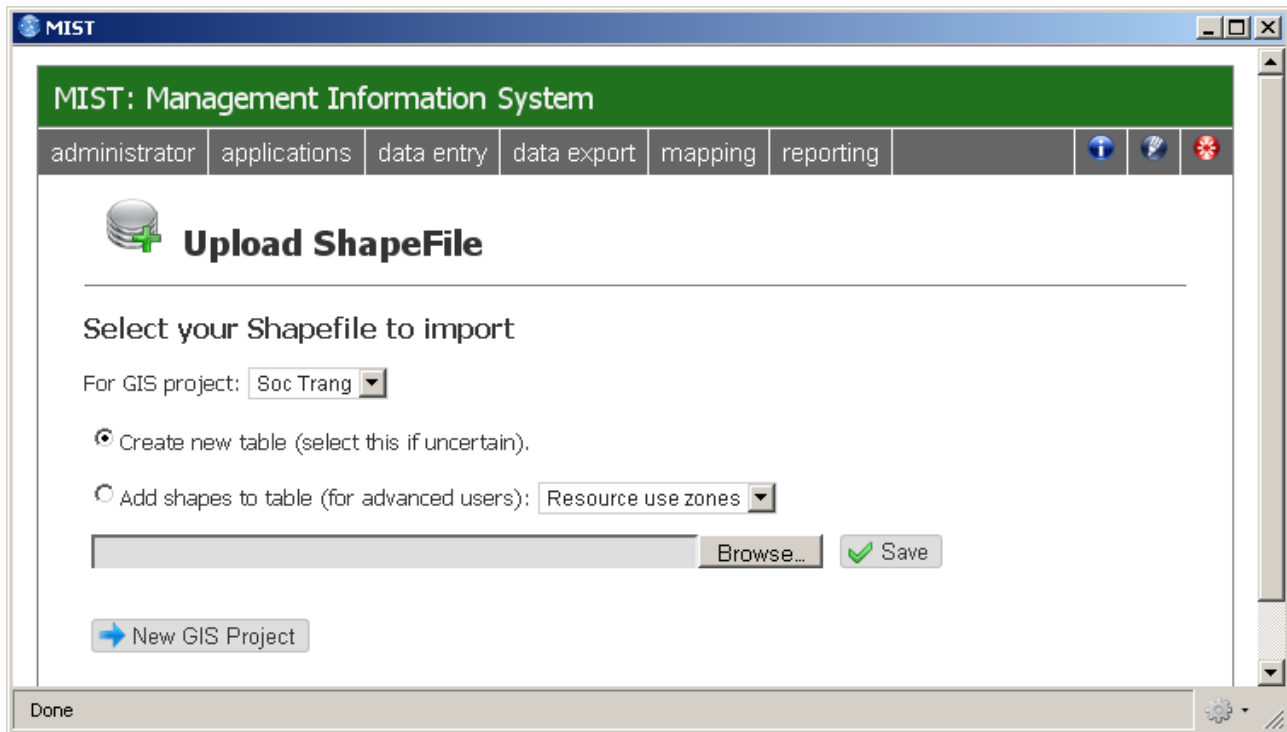
Plugin and application access rights (fine grained plug-in level authorizations will also be an option):



MIST can export and import spatial data in standard spatial formats.



MIST can support features in spatial data formats found in PostGIS and others.



Fully documented meta-data available for data structures.

MIST 3 includes Venn diagrams of relations and documentation of database fields in the database:

MISTDB_U - GROUND_PATROL_OBSERVATIONS

GROUND_PATROL_OBSERVATIONS: Table

Summary | [Constraints](#) | [Triggers](#) | [Indices](#) | [Privileges](#) | [Dependencies](#) | [DDL](#)

GROUND_PATROL_OBSERVATIONS
 Owner: SYSDBA
 No description [\[edit\]](#)

Field	Type	NULL	Default	Description
PA_ID	Varchar(6)	not null		The reference to a protected area, and also used as a relation link to the ground_patrol table [edit]
GP_ID	Bigint	not null		And id field used as a relation link to the ground_patrol table [edit]
PATROL_DAY	Date	not null	current_date	This is the day the patrol started. This is constant even if the patrol goes overnight into a new day. [edit]
EVENT_ID	Bigint	not null		Since date_time can be edited, we use the event_id as the long value of the date-time value as the primary key member. This allows a fixed primary key field set for updates and replacements. The Event_id field is always updated after a change in date_time in an after update trigger. [edit]
LATITUDE	Decimal(10,6)	not null	0.0	Obviously, the latitude of the recorded event [edit]
LONGITUDE	Decimal(10,6)	not null	0.0	Obviously the longitude of the recorded event [edit]
DATE_TIME	Timestamp	not null	current_timestamp	The timestamp of the event [edit]
EVENT_DATE	(cast(date_time as date))			Calculated field for the date part of the date_time value [edit]
EVENT_TIME	(cast(date_time as time))			Calculated field for the time part of the date_time value [edit]