RIMpro Cloud Service

3rd Announcement RIMpro Cloud Service
Zoelmond 19 February 2014

Dear RIMpro user,

In the past two weeks many of you tested the system and provided valuable feedback.
Thank you for that! I worked on reported bugs, your ideas and wishes. Several features and
interfaces to different types of weather stations and data suppliers are added.
If you cannot provide your data in "Standard RIMpro" format let me know asap so I can code
an interface to your data file.

Current status:
- You can add your stations and prepare your warning system for 2014 !
- The stations you already entered to test will stay unless you delete them.
- Please delete the stations that you will not use in 2014.
- On 1st of March we will remove all "test accounts" = without valid user details.
- The Cloud will soon be available under both http://rimpro.cloud.hostnet.nl/rimpro/
  and www.rimpro.eu. I did not want to open www.rimpro.eu during testing.
- **The simulations are updated "on-call".** When a user opens a location and the
  simulations are older than 30 minutes ago, RIMpro will try to get new weather data
  and forecast data, and re-news the simulations before showing the results. This takes
  a few seconds. The time it takes is mainly depending on the speed of the internet
  connections. The next user opening the station will not have to wait…
- The graphs show the current situation = 15 days including the forecast. If you click in
  the graph, the graph zooms in around the date you click. You can change to zoom
  out using the radio buttons below the graph.

Links on your website
After you have set up your weather stations you can create links on your website to make the
RIMpro graphs available to your users. These links use the ID codes for the stations that you
can find under Main menu > My administration > My RIMpro account.
The best and simplest way is to use http iframe tags that embed the RIMpro graphs in your
website hiding the source from the end-user.
*Do no try to link to other sub pages on the Cloud system. This will obstruct the system while
you are not properly logged in, and does not provide you stable output.*

Link to your Usermap:
RIMpro automatically organizes your stations in a "usermap". For example, this is the link to
the usermap of the A13 demo account:
http://rimpro.cloud.hostnet.nl/rimpro/faces/usermap.xhtml?id=BJCBIW7

Deep links:
There are also deep links available to embed the interactive graphs to your personal web layout. In these links you use the stationID's that you find under Main menu > My administration > My RIMpro account.
The names of the links are self-explaining. Again these examples refer to a station of the A13 demo:

http://rimpro.cloud.hostnet.nl/rimpro/faces/location.xhtml?id=rk2fRyW
http://rimpro.cloud.hostnet.nl/rimpro/faces/weather.xhtml?id=rk2fRyW
http://rimpro.cloud.hostnet.nl/rimpro/faces/venturiasecondary.xhtml?id=rk2fRyW
http://rimpro.cloud.hostnet.nl/rimpro/faces/cydia.xhtml?id=rk2fRyW
http://rimpro.cloud.hostnet.nl/rimpro/faces/venturiaprimary.xhtml?id=rk2fRyW

Please provide feedback on bugs, errors and ideas for improvement
- The system is not yet 'idiot proof'. I will keep on correcting reported errors, bugs and good ideas. This work is prioritized on the importance for the functionality of the system in 2014.

On-going work:
- There is only a limited list of fungicides in the Beta version. This will be updated soon in a way the user can create his/her own fungicide list. I will try to reduce the number of clicks to work with the fungicide graphs.
- The 'breakpoints' for the *Venturia* calculations will also be implemented before the season starts.
- The models for Fire Blight, Sooty Blotch and Grape Downy Mildew will be added.
- I will start working on the translations soon.
- On request of a few users there will be a REST service to retrieve the *Venturia* results in a CSV format.

Frequently Asked Questions

Questions that have been asked in the past weeks:

Is the old RIMpro version still available?

Only where absolutely necessary. The Cloud version should replace the old version in 2014 as much as possible. There are however situations where the weather data are only local available and the Cloud version cannot be used.

Advisory services subscribing for the Cloud version can get a copy of the old RIMpro version as backup. Drawback of using both versions along is that there will be differences in the simulation results that lead to discussions among end-users.

Is it necessary to have my data in "RIMpro Standard file format?

Data offered in the Standard file format can always be processed by the system. For common types of weather stations, and various services there are interfaces available. If your format is different, we have to code a special interface to interpret your data files.

Can I still have the graphs on my website?

Yes. If you register as adviser there are links available to link the interactive RIMpro graphs to your website.

What are user groups?

Producers share information in user groups. The weather stations in the group put on a map and are visible to all group members. Only the owner of the station can change the parameters. The other group members (guests) can see the results and administrate/ evaluate their fungicide schedules. The concept is still developing, ideas are welcome. Recent requests are that guests can also use breakpoints, set their local biofix and use a localized weather forecast. These wishes have not been implemented yet.

Who can change the simulation parameters?

There is always only one person (identified by password and username) who can change the simulation parameters of a station. Normally this is the adviser administrating the system, or the grower that has set up his own station.

Do not change simulation parameters unless you exactly understand what you are doing.

Can I use my own weather forecast service?

Yes. RIMpro is using data from the Norwegian Weather Forecast service as standard. But you can use any weather forecast as long as the files are provided in RIMpro standard format. For other file formats we have to program an interface to read and interpret them properly.

Do others use my weather data?

No. Your weather data are only used for your own calculations unless you share your stations in a user group. Your data are deleted when you delete the station from the system.

Can anyone else access my spray records?

No, unless you provide your password and username to someone, e.g your adviser. You can delete your spray records from the system anytime.

Where is the Uses Manual?

I did not have the time yet to write a proper user manual.

Pricing system

Advisers pay a basic fee of 1500 euro that allows to setup a maximum of 10 stations on the Cloud Service. Each extra station costs 150 euro per year. For this you get unlimited access for you clients to all models available. New models will be available on the system without extra costs.

Quick start guide for advisers

There is a demo: **Adviser- 2013** showing a setup with a few stations running life.

- Visit: http://rimpro.cloud.hostnet.nl/rimpro/
- Login the system: **username A13 password A13 .**
- The client map shows the interface to your stations as your customers will see it.
- You can access your stations individually by choosing a station form the list.
- When you choose a weather station the weather data and forecast data are updated if the last update was more than 30 minutes ago.
- Explore the viewing and scrolling functionality.
- There are two orchards with some random fungicide treatments.
- Check out how external web links can be created.
- Under My Administration > My RIMpro account you find the list of the stations installed by user A13. There you find the ID of the usermap, and the ID's of the individual stations. To reach the graphs on the service user A13 use these links on your consultants web site:
  The usermap:
  http://rimpro.cloud.hostnet.nl/rimpro/faces/usermap.xhtml?id=BJCBIW7

  All models for an individual location:
   http://rimpro.cloud.hostnet.nl/rimpro/faces/location.xhtml?id=rk2fRyW

  The weather graph of this location:
   http://rimpro.cloud.hostnet.nl/rimpro/faces/weather.xhtml?id=rk2fRyW

Create your own setup
1. Create your account on the system. Remember your password and username.
2. Setup one or more stations: My Administration > My Locations > Add location
3. Move the red marker on the map to the location of the station to get the right coordinates.
4. The other fields should be self-explaining. Additional fields will unfold depending on the interface type you choose.
5. When you go "Save and Next" the current station is saved, but the fields remain to make it easier to enter a series of stations.
6. **After entering the station(s). Go to local parameters and make sure that the year and the biofix dates correspond with the year of your file.**
7. Open a station, and choose a model to see if data are read from the URL you specified.
8. While testing it might be necessary to force re-reading of your entire data file. You find this possibility under Tools in the main menu.
9. Once the stations are functional you can create external links to retrieve the graphs for your website. Under My Administration > My RIMpro account you find a list of the stations you installed. You find there the ID of your usermap.

I hope this helps you get started with RIMpro Cloud Version. Please mail me any questions that arise. If the system does not react as expected, pleas write me all steps you did before the system stopped working.

With kind regards,
Marc