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ADCON addVANTAGE 6.x

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addVANTAGE Professional is ADCON's universal data visualization, processing and distribution platform. It is fully web based, runs on a fast and reliable PostgreSQL database engine, and is fully scalable from a single user version for 5 RTU's to a super server, serving thousands of clients and thousands of RTU's.

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Description	addVANTAGE 6.8	addVANTAGE 6.6	addVANTAGE 6.5	addVANTAGE 6.4	Resources
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addVANTAGE Pro in short is

- a browser-based, fully Internet enabled,
- data visualization,
- data processing and
- data distribution platform,
- offering customizable trends, tables, statistics,
- alarms and events,
- disease and irrigation models,
- for all kinds of environmental and industrial data.

Pro 6 is a powerful yet universal software package to collect, store, process and graphically display data. The inherent flexibility of the software makes it an ideal tool for many applications, for weather and environmental data as much as for hydrographics, for leakage detection, frost warning and pump monitoring to countless other applications. Pro 6 not only displays data graphically, but also as text in a table, informs and/or alarms the user about specific events, provides a number of tools to process the data according to the needs of the clients, be it a simple report, an advanced statistic, or even a complex expert system, such as a disease model for phytophthora in potatoes.

But addVANTAGE Pro 6 does much more: its integrated web server enables its users to get access from anywhere in the world through an internet connection - using nothing else but a common web browser. This makes addVANTAGE Pro 6 the ideal platform for those who not only want to collect, store and visualize data for themselves, but also for others - the ideal solution for "Service-Providers".

There are countless applications for this kind of data providing. Here are just a few:

- the grape growers association that provides its members with weather data,
- the water distributor that provides all municipalities with their current consumption profile,
- the national park that informs its visitors about the current meteorological conditions,
- the sports club that tells all wind surfers, golf players and hang gliders if it pays to visit their club site.

addVANTAGE Pro 6 is entirely programmed in Java. It runs best on a Windows 7 or 10 server. The addVANTAGE server has a modular structure allowing for virtually unlimited scalability. A Pro 6 server can scale from a single user system up to a large super server, running thousands of stations, servicing tens of thousands of users and running a multitude of extensions in parallel.

All functions through Web Browser

addVANTAGE Pro 6 provides a vast array of features - and every single one is available through the internet and a standard web browser interface. Sure, the software can be installed on a single user PC without web access. But for all those who want to link their Adcon RTU into an existing back bone without running their own base station respectively for all those operating such a back bone, this system offers two distinct advantages:

Advantages for the User

The user, whose Adcon RTU's are part of a network no longer needs to install any software on his PC. High-speed internet access and a standard web browser are sufficient. Going to the web site of the service provider and logging in with Username and password will provide access to the data according to the user's profile. Installing, configuring and updating local software are a thing of the past, and that phrase "have you made a backup recently?" has lost its horrors.

Advantages for the Service Provider

Distributing data to many remote users has never been easier. The addVANTAGE Pro 6 administrator can setup as many single users, user groups and guest accounts as needed, and assign to each of these accounts an individual user profile with varying user rights, giving access to certain RTU's while hiding others, letting one user work with statistics extension and another with the grape powdery mildew model, while the general public gets access to temperature, humidity and rain fall data only. The data provider no longer needs to install updates on every client's machine, and telephone support just got a whole lot easier. Publish data on any web site

Furthermore addVANTAGE Pro offers several ways of posting data on a website:

- Any trend graph from within Pro 6 can be declared a "public trend" and can be embedded into any website of your choice. Whenever this website is called up this trend graph will automatically be updated by the addVANTAGE Pro server.
- Since version 6.1 addVANTAGE Pro supports the "LiveData" Utility. With this utility all the data from a weather station can be embedded into any website or be called up by a cell phone. User name and password are not required. Navigate to the station by Google Maps, look at trends, tables and statistics.

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