

Software update October 7, 2010

The BioChek II software can now be updated to vs. 2013.0.0.7. The last official update was to version 49.

General instructions:

Please update after using the software. When working on a network, all workstations need to be updated. After the update try the standard steps you would do when using the software.

Although we have tested this update at multiple sites and are confident that it will not create unwanted features (=bugs) we cannot be 100% sure.

Please contact BioChek at: support@biochek.com or contact your BioChek contact person. For emergencies call:

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Asia & Australia: +886 978 187 879; Mike Yang

Complete instructions will be published on our website

After the update the database needs be updated. We have decided to do this when printing reports. The following message will appear when printing reports: *"Calculating results. Please wait..."*

Please be aware that this will slow down the printing, but it will be done only once per selected flock/herd !

New in this update are:

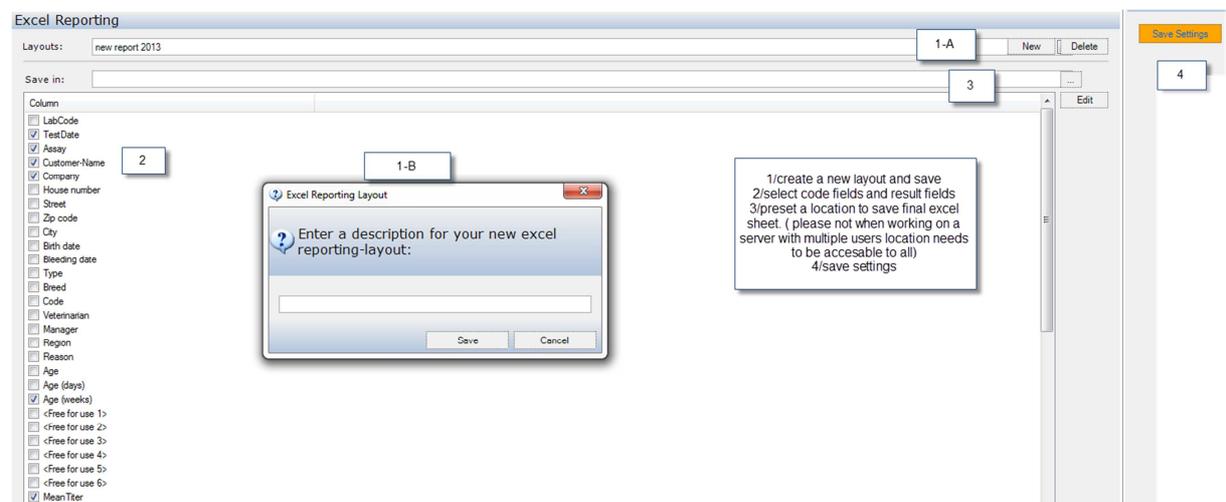
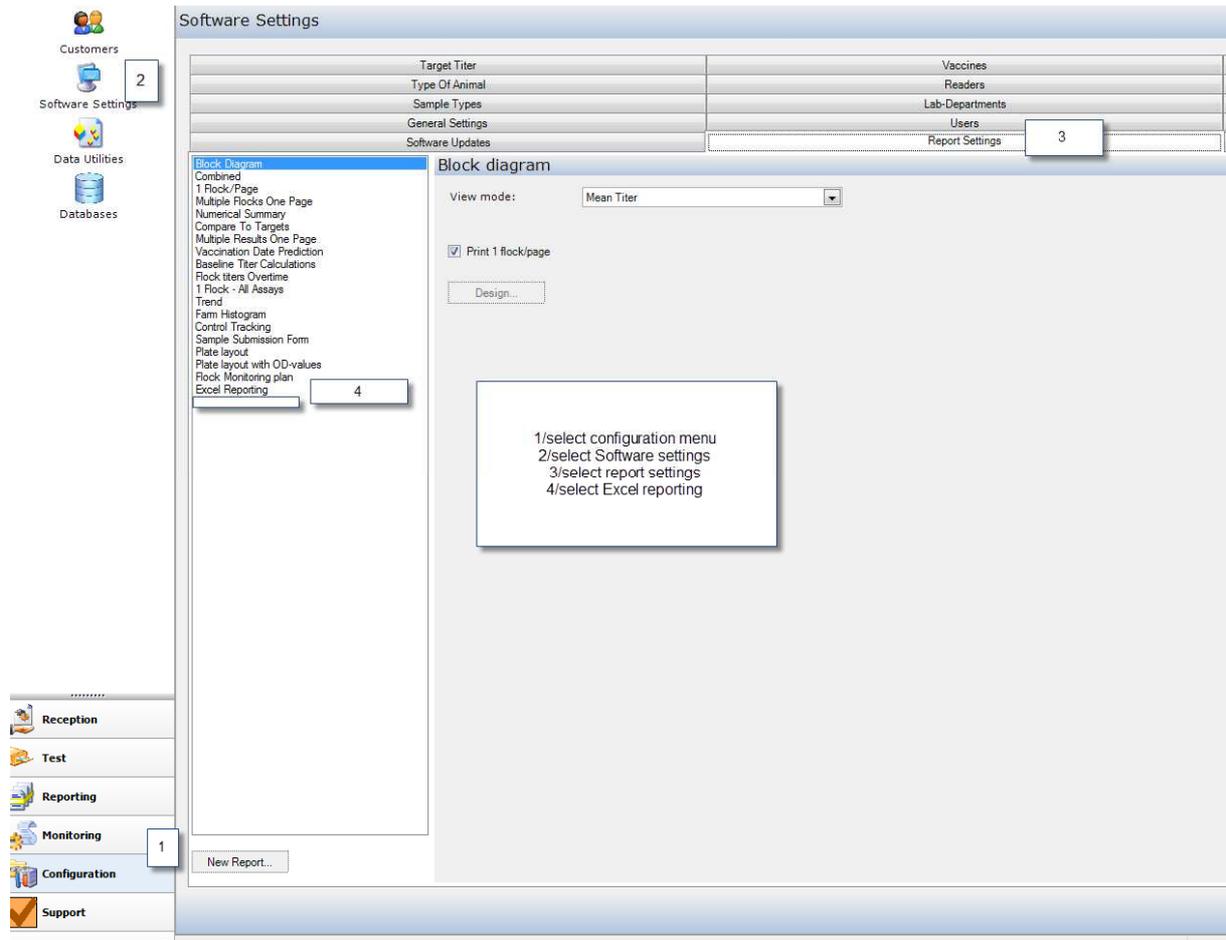
- ✔ Speed of creating reports is enhanced
- ✔ Custom Excel report added (**to setup go to config, software settings, report settings, excel report, use in reporting menu**)
- ✔ Scale for all assays and per assay added (this is relevant for the trend report and the flocks overtime report)(**to setup go to config, software settings, general settings**)
- ✔ Compare to target report. (this report **can be used when target titers have been set**)
- ✔ Trend report: individual flock results have been added under the trend report.
- ✔ Control tracking report: the negative and positive controls have been added to this report.
- ✔ Prioritize position of reference controls on plate (**to setup go to config, software settings, assays,edit assay, ELISA, Reference controls**) **lowest number will appear after regular controls first**)
- ✔ Reports can be added and deleted from the wizard (**to setup go to config, software settings, report settings. right mouse click on report**) **Please note: not all reports can be selected yet!!!**
- ✔ Reports can be added and deleted from the field user interface (**to setup go to config, software settings, report settings. right mouse click on report**) **) Please note: not all reports can be selected yet!!!**
- ✔ Bugfix delete customers fixed. (**to delete go to config, customers, double click on selected customer and delete**)

Please check our website for complete instructions on how to use the new features of this software update.

Custom Excel report

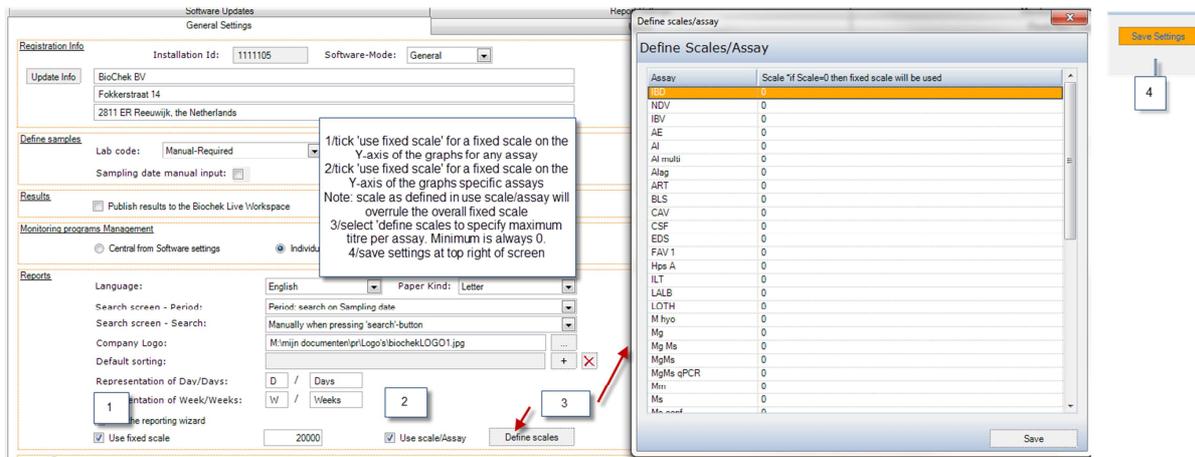
Allows user to create excel sheets by selecting code items and results.

How to create:



Fix scale for Trend and Flocks overtime report

Go to Configuration>Software setting and select the page general settings



Compare to target report

This can be used when target (or expected) titres have been entered for your flocks.

Create by going to: Reporting> Blockdiagram/Histogram. Select desired flocks and select the compare to target report at bottom right 'Report style'

Example:



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Report : Compare To Target

This report compares the target (expected) Mean Titers and %CV to the obtained Mean Titers and %CV

Assay	Type	Age Interval	Target Titer Range	Target CV Range	No.Flocks	%In Target	%Above Target	%Under Target	%CV OK	% CV High	%CV Low
CAV	BB	14 Week(s) - 64 Week(s)	3000 - 8000	20 - 60	1	100	0	0	100	0	0
IBV	BB	22 Week(s) - 64 Week(s)	4000 - 12000	20 - 50	2	100	0	0	50	0	50
REO	BB	1 Day(s) - 10 Day(s)	1000 - 8000	30 - 60	2	0	100	0	50	0	50
REO	BB	22 Week(s) - 64 Week(s)	7000 - 15000	15 - 60	2	100	0	0	100	0	0
IBD	BB	22 Week(s) - 65 Week(s)	5000 - 15000	20 - 50	2	0	0	100	50	0	50
NDV	BB	22 Week(s) - 64 Week(s)	10000 - 20000	20 - 60	2	0	0	100	100	0	0
IBD	BB	7 Day(s) - 20 Week(s)	500 - 5000	30 - 50	2	100	0	0	50	0	50
IBV	BB	7 Day(s) - 20 Week(s)	2000 - 6000	20 - 50	2	50	50	0	50	0	50

Trend report:

One can select different calculations for the trend graph. Based on the settings either a trend per Quarter, per Month, per day or per flock can be created. The mean titre or the mean of the GMT titres per Quarter/Month or Day will be calculated. When selecting flock the graph will show the mean or geometric mean titre per flock.

The screenshot shows a software interface with a 'Trend' section. It includes a 'View mode' dropdown set to 'Mean Titer', a 'Style *' dropdown with a list of options (Month, Quarter, Flock, Day) where 'Quarter' is selected, a checked 'Print details' checkbox, and a 'Design...' button. Two callout boxes provide instructions: one points to the 'View mode' dropdown with the text 'in View mode select Mean titre or GMT calculation.', and another points to the 'Style *' dropdown with the text 'in the Configuration menu, Software settings, Report settings select Trend report. One can select the either a Montly, Quarterly or Daily mean (GMT) titer. Alternatively individual flocktiters can be presented.' Below the 'Style *' dropdown, a legend defines the options: 'Month: mean of the mean flock titers per month', 'Quarter: mean of the mean flock titers per quarter', 'Day: mean of the mean flock titers per day', and 'Flock: 1 column depicts the mean titer (or gmt) per flock'.



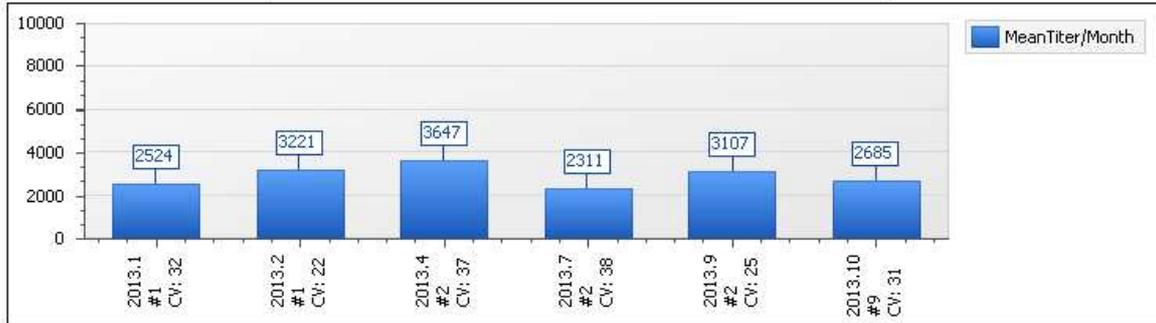
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Report : Trend

Period :

07-09-13 <> 07-10-13

IBD	Mean Titer For All Flocks:	2826
	Minimum Mean Titer:	2137
	Maximum Mean Titer:	4234
	Standard Deviation of mean flock titers:	487
	Coefficient of variation of mean flock titers:	17



Month: 1 bar depicts the mean of mean flock titer per month

Name	Company	Type	House	Age	Sampling Date	#	Mean Titer	%CV
Barend		BB	1	1 T	31-01-2013	18	2524	32
Barend		BB	2	1 T	28-02-2013	18	3221	22
Barend		BB	1	8 W	2-04-2013	18	3061	27
Barend		BB	2	33 T	2-04-2013	18	4234	47
Barend					24-07-2013	18	2137	47
Barend		BB	2	20 W	24-07-2013	18	2486	30
Barend		BB	1	31 W	6-09-2013	18	3271	19
Barend		BB	2	27 W	6-09-2013	18	2944	32
breeder					4-10-2013	18	2524	32
breeders	BioChek	BB	1	13 W	4-10-2013	18	2524	32
breeders	BioChek	BB	1	13 W	4-10-2013	18	2524	32
House nummer	BioChek		1		4-10-2013	10	2869	20
House nummer	BioChek		2		4-10-2013	10	2755	46
House nummer	BioChek		3		4-10-2013	10	2289	40
House nummer	BioChek		6		4-10-2013	10	3303	14
peterson			1		4-10-2013	60	2915	29
peterson			2		4-10-2013	60	2462	38

Example