

# ADD-ONS & INDIVIDUAL SOLUTIONS



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**PLA 3.0**  
Software For Biostatistical Analysis

# CUSTOMIZING THE PLA 3.0 PLATFORM

## THE PLA 3.0 PLATFORM

We developed PLA 3.0 as an extensible platform for biostatistical analysis. You, as the user, have several options to customize this platform and extend its functionality with add-ons, according to your needs. These add-ons fall in one of three groups:

- Modules for PLA 3.0: data acquisition, document import/export
- Customized report templates
- Individual solutions (e.g. legacy software replacement, product-specific calculations)

## MODULES FOR PLA 3.0

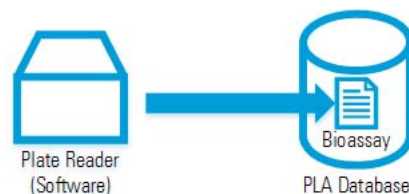
To integrate PLA 3.0 with other systems, in particular software and plate readers, we developed modules. These modules are always specific to the target system. For example, if you are currently using SoftMax<sup>®</sup> Pro and would like to analyze your data with PLA 3.0, you should get the SoftMax Pro Data Acquisition Module.

These modules give you plenty of flexibility when choosing a reader system. You can always switch to a different reader system and continue to use PLA 3.0. You would just need to get another Data Acquisition Module.

If you need a module that does not yet exist, please talk to us anyway. We should be able to develop the module. If you require a generic format which is suitable for general commercialisation, there will be no additional cost associated with the development.

## DATA ACQUISITION MODULES

### Acquire Raw Data From Your Instruments



Data Acquisition Modules are licensed per format. The following modules are already available:

- Microsoft Excel<sup>™</sup>
- Molecular Devices SoftMax<sup>®</sup> Pro 3.x - 7.x
- BioTek Instruments Gen5<sup>™</sup> Data Analysis Software
- BioTeK Instruments KC4<sup>™</sup> Data Analysis Software
- Dynex Technologies Revelation<sup>™</sup>
- Tecan Magellan<sup>™</sup> Standard
- Tecan Magellan<sup>™</sup> Tracker
- Becton Dickinson Biosciences Attractors<sup>™</sup>
- GE Healthcare Biacore T100/T200<sup>™</sup>

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PLA is ready to integrate with other systems such as plate readers.

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Device-independent data acquisition: use the reader system of your choice.

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- Hamilton Robotics Microlab FAME™ Software
- Labsystems Inc. Genesis™ Software

For importing text-based data we developed a Text Acquisition Module, which you can use to import data from a variety of sources, for example:

- Meso Scale Discovery WORKBENCH® Software
- Mikrotek Laborsysteme GmbH MikroWin 2000™
- PerkinElmer VICTOR™
- PerkinElmer EnVision™ software
- Tecan easy WIN basic™ software
- PerkinElmer TopCount®
- Anthos Labtec WinRead™
- DEMOS Computer GmbH SeroCalc™ Analysis Software
- CSV files in general

### DOCUMENT IMPORT MODULES

Generate fully specified assays from other software's data




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Document import feature for PLA 2.x is already included.

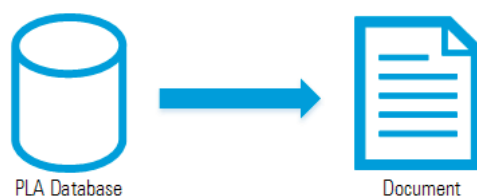
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Document Import Modules are licensed per format. Right now, we offer an Import Module for:

- CombiStats
- Bio-Rad Bio-Plex® Manager Software

### DOCUMENT EXPORT MODULES

Export PLA 3.0 Documents to Other File Formats




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Connect PLA 3.0 to external systems - both ways and hassle-free.

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Document Export Modules are licensed per format. We will develop Document Export Modules only on-demand. Please contact us. As mentioned before, if you require a generic format which is suitable for general commercialisation, there will be no additional cost associated with the development.

## CUSTOMIZED REPORT TEMPLATES

PLA 3.0 comes with a set of standard reports suitable for many document types. Some users, however, would like their reports to include more, less or different information. Others want a different layout, file format or would like to include a company logo.

This is the reason we also offer customized reports. We create these reports as templates based on your requirements. For example, if you are working on a migration project, we could design these report templates in the fashion of your earlier inhouse solution.

Report templates require validation to report valid and trustable results. The customized report templates we create will therefore be verified.

## INDIVIDUAL SOLUTIONS

In PLA 3.0, the information unit is called "document". A document consists of the data for calculation, meta-data about the measurement and the results of the calculation. Documents are merely handled by the PLA 3.0 platform. But the platform itself does not have any information about the structure of a document or the calculation defined for a document. The structure, calculation routines and reports are all delivered as Document Packages which add the required information to the PLA system. The original PLA comes with three of these document packages included: Biological Assay Package, Generic Document Types and Measurement Documentation.

The modular concept of PLA 3.0 allows any additional document type and calculation method to run on the PLA 3.0 framework in a 21 CFR Part 11 and GAMP compliant environment. Along with the document package, we can deliver a set of operational qualification calculations to support you in the direct qualification of the new methods.

If you would like to use different calculations, just let us know. We can extend the collection of available document packages to match any particular need, including product-specific calculations and legacy software replacement.

In fact, its extensibility makes PLA 3.0 a perfect choice for the migration of legacy software for biostatistical analysis into a modern and compliant environment. The migration project only needs to cover the data structure, calculation and reporting, while the PLA 3.0 framework delivers the compliant platform. This makes migration projects very cost- and time-efficient.

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Create customized report templates  
for your application - or let us do that.

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Make us part of your PLA projects!

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PLA 3.0 is the most cost-efficient  
solution for the migration of old in-  
house solutions to current standards.

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Questions about PLA 3.0?  
E-Mail: [support@bioassay.de](mailto:support@bioassay.de)

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