



# PLA 3.0 Add-Ons & Individual Solutions

// Customize PLA 3.0 and extend its functionality  
according to your needs

# CUSTOMIZING THE PLA 3.0 FRAMEWORK

## THE PLA 3.0 FRAMEWORK

PLA 3.0 is an extensible framework for biostatistical analysis. You, as the user, have several options to customize this framework and extend its functionality according to your needs. This is done using add-ons which fall in one of three groups:

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

## MODULES FOR PLA 3.0

In order to facilitate the integration of PLA 3.0 with other systems, particularly with plate readers and their control software and plate readers, we developed modules. Modules are always specific to the target system. For example, if you are currently using SoftMax® Pro and would like to analyze your data with PLA 3.0, you should get the SoftMax Pro Data Acquisition Module.

These numerous modules give you plenty of flexibility when choosing a reader system. If, in the future, you wish to switch to a different reader system, while continuing to use PLA 3.0, you would just need to get another Data Acquisition Module.

If you require a module that does not yet exist, please contact us. And, if this new module utilizes a format which has potential for general commercialisation, there will be no additional cost to you for the development.

## DATA ACQUISITION MODULES

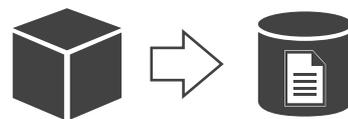


Plate reader  
(software)

PLA 3.0  
database

## Acquire Raw Data From Your Instruments

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

- SoftMax® Pro Data Acquisition Module
- Cytiva Biacore™ Data Acquisition Module
- Magellan™ Data Acquisition Module
- Excel™ Data Acquisition Module
- Gen5™ Data Acquisition Module
- Bio-Plex® Data Acquisition Module

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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

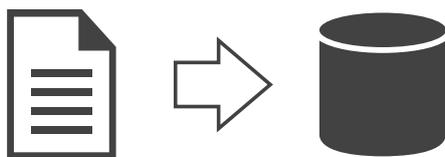
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For the importing of text-based data, we developed a Text Acquisition Module. This module can be used to import data from a variety of sources, for example:

- 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 utilizing data from other software**

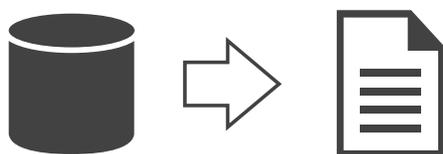


Document Import Modules are licensed per format. At present, we offer an Import Module for:

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

### DOCUMENT EXPORT MODULES

**Export PLA 3.0 Documents to Other File Formats**



As with Document Import Modules, Document Export Modules are licensed per format. We develop new Document Export Modules on-demand. Please contact us with your requirements. As mentioned before, if this new module utilizes a format which has potential for general commercialisation, there will be no additional cost to you for the development.

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Document import feature for PLA 2.x is already included

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Connect PLA 3.0 to external systems - bidirectional and hassle-free

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## CUSTOMIZED REPORT TEMPLATES

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

For these customers, we offer customized reports. These reports are created from templates based on your requirements. For example, if you are working on a migration project, we could design these report templates to be consistent with your earlier inhouse solution.

Report templates require validation to ensure confidence in the results. The customized report templates we create will therefore be verified thoroughly.

## CUSTOMER-SPECIFIC ADD-ONS

In PLA 3.0, the unit of information is known as a “document”. A document consists of the data for calculation, metadata of the measurement parameters and the results of the calculation. Documents are handled by the PLA 3.0 framework but the framework itself does not hold any information about the structure of a document or the calculations used in a document. The structure, calculation routines and reports are all delivered as Document Packages which then add the required information to the PLA system.

The modular concept of PLA 3.0 allows any additional document type and calculation method to be 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 validation of the new methods.

If you have a requirement to use different calculations, please contact us. 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 framework. 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?  
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