



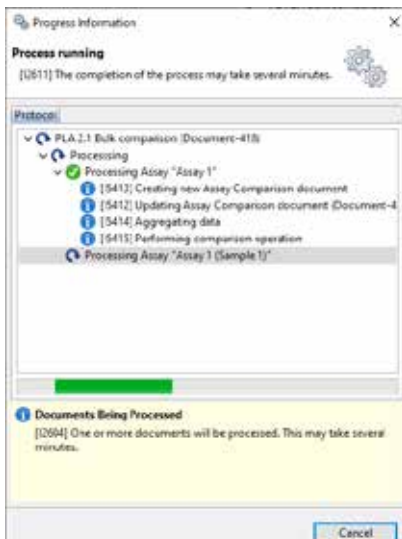
# PLA 3.0 PLA Migration & Archiving Toolkit

// Migrate all your bioassays from  
PLA 2.0 / 2.1 to PLA 3.0

# Migrate All Your Bioassays From PLA 2.0/2.1 to PLA 3.0 And Improve Your Analysis

## ALL OF YOUR BIOASSAYS IN ONE PLACE

If you have spent any amount of time with PLA 3.0, you will know that it is superior to PLA 2.x by far. But that does not make your PLA 2.x assays any less valuable. In fact, those assays you created with PLA 2.x are a real asset worth keeping indefinitely. And that's exactly what the PLA 3.0 Migration & Archiving Toolkit 1.1.0 allows you to do. You will have all your bioassays in one place: PLA 3.0.



Performing a bulk comparison on migrated PLA 2.x assays

## SHORTEN THE RE-QUALIFICATION OF PREVIOUSLY QUALIFIED METHODS

With the PLA 3.0 Migration & Archiving Toolkit, you can migrate productive (and validated) PLA 2.x assays to PLA 3.0. The comparison feature shows you differences in the calculated assays (if any). You will therefore be able to reduce the re-qualification effort significantly, in many cases even drastically.

## USE YOUR ASSAY ARCHIVE TO IMPROVE YOUR ANALYSIS

Two of the features that PLA 3.0 users value the most are control charts and equivalence margin development. And the more assays you have when you use these features, the better the results. By migrating your PLA 2.x assays to PLA 3.0, you add them to your assay archive, which will notably improve your results.

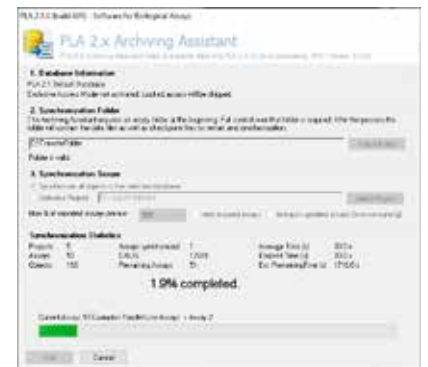


## WHAT HAPPENS TO YOUR VALIDATED PLA 2.X INSTALLATION?

Nothing. The PLA 3.0 Migration & Archiving Toolkit will do nothing that might compromise your validated PLA installation. The Migration & Archiving Toolkit consists of a small number of files that need to be added to your PLA installation, but existing files will not be altered. Therefore, your PLA 2.x installation remains validated.

## RETIRE PLA 2.0 AND 2.1 WITHOUT LOSING DATA

By using the PLA 3.0 Migration & Archiving Toolkit to move your PLA 2.x assays to PLA 3.0, you will soon reach a point where you can retire PLA 2.x without losing data. You could still use PLA 2.x for your established assays and smoothen your transition process, because the PLA 3.0 Migration & Archiving Toolkit can upgrade the data incrementally.



Archiving PLA 2.x assays

## MIGRATE YOUR BIOASSAYS EXACTLY AS THEY ARE

The PLA 3.0 Migration & Archiving Toolkit transfers your PLA 2.x data in three forms: assay data, calculated assay and report. The software also calculates every assay as it archives it. Your assay data will not change in the process. Even errors in your original data will remain unchanged.

## CALCULATING EVERY ASSAY

In the migration process, the software will calculate each assay. Depending on the number of assays in your archive and the power of your computer, it may take a while to migrate all of your assays. We therefore made sure that the entire process can be paused and restarted anytime.

## HOW THE TOOLKIT WORKS

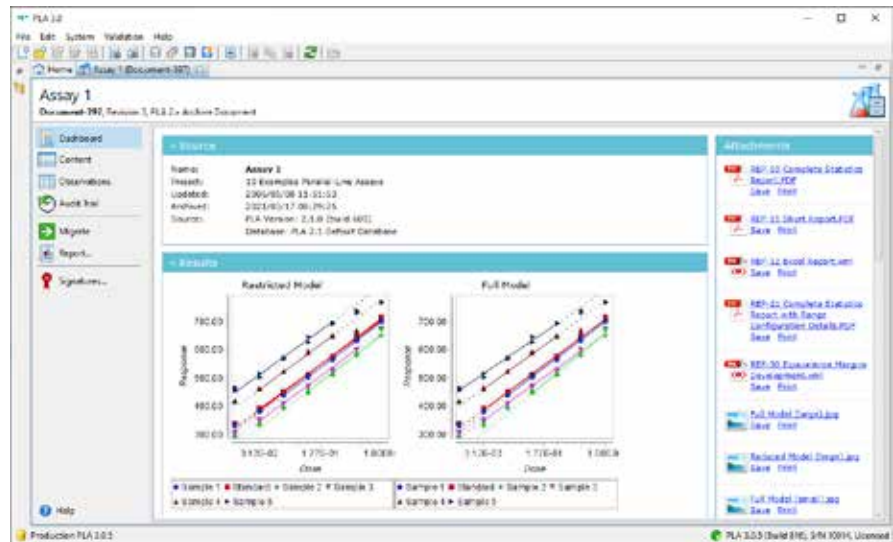
Switching from PLA 2.x to PLA 3.0 can be a big deal. Especially when you are working in a regulated environment, with validated assays and an archive that goes into the thousands. With the brand new PLA Migration & Archiving Toolkit the transition to PLA 3.0 is now faster and easier than ever before.

We called it “toolkit” because the program is really a package of several distinct tools, each designed to complete a specific task. This might seem rather complex, but it was necessary because PLA 2.x and PLA 3.0 are two completely different programs. They were written in different programming languages. They can coexist on the same computer and you can import PLA 2.x assays into PLA 3.0, turning them into PLA 3.0 assays. But the PLA Migration & Archiving Toolkit goes several steps further.

### ARCHIVING

Bevor you retire your PLA 2.x installation and switch to PLA 3.0, you want to make sure that all your assays remain accessible no matter what. That is what the PLA Archiving Assistant will do for you.

So in case you face an inspection, either by your inhouse quality control or by external agencies, you won't have to look further than your PLA 3.0 installation to find everything you need.



PLA 2.x assay archived in PLA 3.0



Synchronizing the archived assays

### SYNCHRONIZING

To make the transition from PLA 2.x to PLA 3.0 as smooth as possible, the Migration & Archiving Toolkit lets you to import your productive assays incrementally. On the first run, the software will copy the assays on a per project base. It allows you to synchronize all or only selected PLA 2.x projects with PLA 3.0. Initially, it copies all assays of the projects in question. On every subsequent run, it is going to transfer only new or changed PLA 2.x assays.

Synchronizing makes sense when you want to continue working with PLA 2.x while you are preparing to switch to PLA 3.0. Please note that synchronizing only works one way. It is not possible to move PLA 3.0 data to PLA 2.x.



## MIGRATING

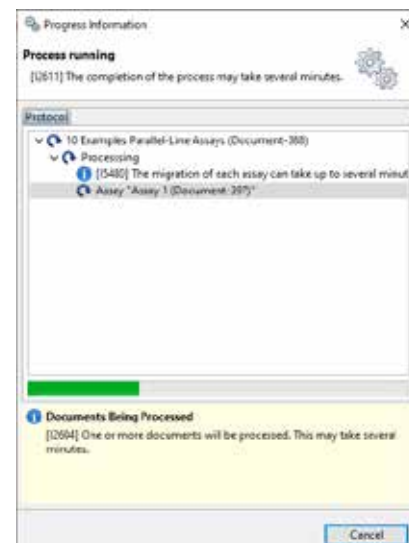
When you consider the features of PLA 2.x on the one hand, and those of PLA 3.0 on the other hand, you might want to switch sooner rather than later. And that is where the migration feature comes in.

It lets you migrate productive assays from PLA 2.x to PLA 3.0. You can then continue these assays in PLA 3.0, benefitting from all the advantages this software has to offer. This will also put you in a position to retire your PLA 2.x installation without losing any important data.

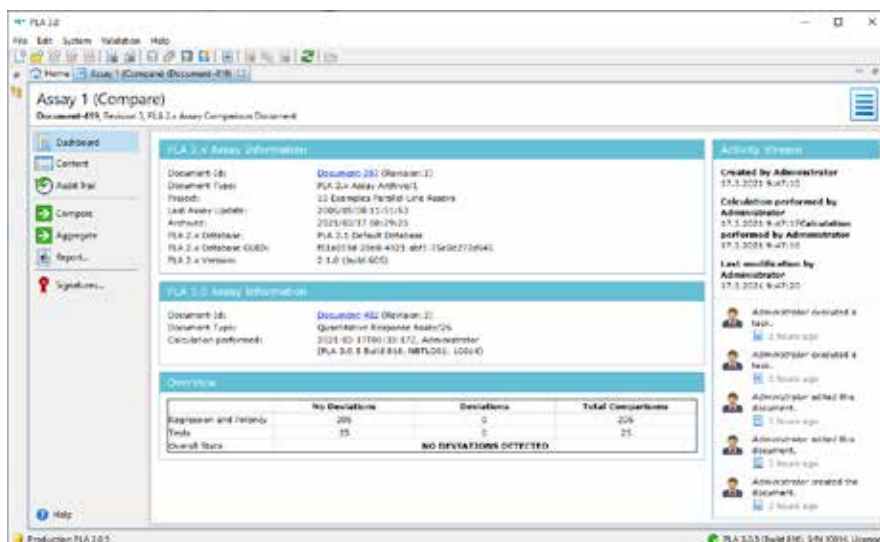
## COMPARING

The feature to compare migrated assays with the original data in PLA 2.x is necessary because there are small differences in the calculations between PLA 2.x and PLA 3.0. These small differences may or may not lead to small deviations in your assays. But with the PLA Migration & Archiving Toolkit, you'll be on top of this.

It works like this: The new comparison package compares the original calculation results of the PLA 2.x assays with those produced by PLA 3.0 using the migrated assays as input. It then generates a report pointing out the differences (if any) between the calculation results of PLA 2.x and PLA 3.0.



Migrating the assays



Comparing the assay results

This report gives evidence that the PLA 3.0 method produces the same results as PLA 2.x and serves as input for fine tuning your PLA 3.0 method. In fact, for many users, this feature alone is worth the entire price of the product.

This way, the program also makes the re-qualification process of previously qualified methods in PLA 3.0 faster and easier, saving you plenty of time and effort.

# SINGLE ASSAY COMPARISON REPORT

After comparing the assay results, the comparison package gives you a detailed report about the deviations (if any) between the values of PLA 2.x and PLA 3.0.

Assay 1 (Compare)  
Document-419 (Production PLA 3.0.5)

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## Assay 1 (Compare)

### General Properties

Document-Id: Document-419 (Revision:3)  
 Document Type: Assay Comparison/2  
 Aggregate performed: 17.03.2021 09:47:20, Administrator  
 (PLA 3.0.5 Build 816, NBTLO01, 10014)  
 Compare performed: 17.03.2021 09:47:20, Administrator  
 (PLA 3.0.5 Build 816, NBTLO01, 10014)  
 Database: Production PLA 3.0.5  
 Database GUID: 996faea8-9ec8-4fb7-8524-ea8686ffdf5d

### PLA 2.x Assay Information

Document-Id: Document-397 (Revision:3)  
 Document Type: PLA 2.x Assay Archive/1  
 Project: 10 Examples Parallel-Line Assays  
 Last Assay Update: 2006/05/08 11:51:53  
 Archived: 2021/03/17 08:29:25  
 PLA 2.x Database: PLA 2.1 Default Database  
 PLA 2.x Database GUID: f51a019d-20a8-4921-abf1-75e0d272d645  
 PLA 2.x Version: 2.1.0 (build 605)

### PLA 3.0 Assay Information

Document-Id: Document-402 (Revision:3)  
 Document Type: Quantitative Response Assay/26  
 Calculation performed: 17.03.2021 09:33:17, Administrator  
 (PLA 3.0.5 Build 816, NBTLO01, 10014)

### Settings

Property	Value
Regression Parameter Precision	3 Significant Digits
Test Result Precision	3 Significant Digits
Potency Result Precision	3 Significant Digits
Standard Error Precision	3 Significant Digits

### Overview

	No Deviations	Deviations	Total Comparisons
Source Information	NO DEVIATIONS DETECTED		
Regression and Potency Tests	205	0	205
	25	0	25
Overall State	NO DEVIATIONS DETECTED		

### Signatures

.....  
Responsibility

.....  
Review

.....  
Approval

# THE BULK COMPARISON REPORT

This is an excerpt from a bulk comparison report created with the PLA Migration & Archiving Toolkit after the assays have been migrated to PLA 3.0.

PLA 2.1 Bulk comparison  
Document-418 (Production PLA 3.0.5)

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## PLA 2.1 Bulk comparison

### General Properties

Document-Id: Document-418 (Revision:17)  
 Document Type: Bulk Assay Comparison/2  
 Comparison Source Folder: 10 Examples Parallel-Line Assays (Folder-70)  
 Comparison Template: Assay comparison template (Template-8)

### Signatures

..... Responsibility Review Approval

### Overview

Total Number of Assays	Assays without Deviations	Assays with Deviations Detected
16	12	4

Detected deviations do not necessarily indicate an error, but further analysis is required.

### Compared Assays

Assay Document	Archive Document	Comparison Details	Name	# Deviations Detected	Result
Document-402	Document-397	Document-419	Assay 1	0	OK
Document-403	Document-397	Document-420	Assay 1 (Sample 1)	0	OK
Document-404	Document-397	Document-421	Assay 1 (Sample 2)	0	OK
Document-405	Document-397	Document-422	Assay 1 (Sample 3)	0	OK
Document-406	Document-397	Document-423	Assay 1 (Sample 4)	0	OK
Document-407	Document-397	Document-424	Assay 1 (Sample 5)	0	OK
Document-408	Document-389	Document-425	Assay 2	3	DEVIATIONS DETECTED
Document-409	Document-389	Document-426	Assay 2 (Sample 1)	3	DEVIATIONS DETECTED
Document-410	Document-389	Document-427	Assay 2 (Sample 2)	0	OK
Document-411	Document-390	Document-428	Assay 3	0	OK
Document-412	Document-391	Document-429	Assay 4	0	OK
Document-413	Document-392	Document-430	Assay 5	0	OK
Document-414	Document-393	Document-431	Assay 6	0	OK
Document-415	Document-394	Document-432	Assay 7	0	OK
Document-416	Document-395	Document-433	Assay 8	2	DEVIATIONS DETECTED
Document-417	Document-396	Document-434	Assay 9	10	DEVIATIONS DETECTED

## FREQUENTLY ASKED QUESTIONS

### **How will Stegmann Systems support users of the toolkit?**

The PLA Migration & Archiving Toolkit is covered by our PLA Support Contract for a minimum of 12 months.

### **Why should I retire my installation of PLA 2.0?**

Each major version of PLA has a lifecycle of 10 years. PLA 2.0 is no longer supported. PLA 2.1 is supported until May 8, 2023.

### **Which versions of PLA 2.0 are supported by this toolkit?**

The PLA Migration & Archiving Toolkit works with all PLA 2.0 and PLA 2.1 versions.

### **Can the PLA Migration & Archiving Toolkit also transfer PLA 3.0 assays to one of the earlier versions?**

No, that is not possible. The toolkit does not work the other way round.

### **What happens when the migration process gets interrupted?**

The toolkit picks up exactly where it was interrupted, so you will not lose any work.

### **How much does the PLA 3.0 Migration and Archiving Toolkit cost?**

We will charge you a fixed amount plus a variable portion based on the number of PLA licenses you already have.

### **Is there a discount for non-profits, such as universities or other research institutions?**

Yes, we do offer a discount for non-profit organisations.

## REQUEST A QUOTE

To request a quote, please send us an e-mail to [sales@bioassay.de](mailto:sales@bioassay.de).

Do you have other questions about the PLA 3.0 Migration & Archiving Toolkit? Please contact us through the PLA Support Portal at [support.bioassay.de](https://support.bioassay.de)