

# Patch documentation

**imc Learning Suite**

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# Content

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<b>1</b>	<b>Migration Notes</b>	<b>4</b>
1.1	Migration of the External ID for courses	4
1.2	Configuration move to UI	4
1.3	Learning path learning logic migration	4
1.4	Clean-ups	4
1.5	Client configuration files migration	5
1.6	IDD module migration to certifications module	5
<b>2</b>	<b>Patch Documentation</b>	<b>6</b>
2.1	About this document	6
2.2	Modifications in version 14.11.0	6

# 1 Migration Notes

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## 1.1 Migration of the External ID for courses



With the extensions introduced for the learning history import, a migration was needed such that a different database column is used from now on to store the external ID of courses and course templates as defined via the CSV import file. The migration impacts courses and will copy the value, if it exists and is different than 'SAP', from the External System ID to the External Migration ID column. The purpose of the migration is to ensure that customers who have previously used the CSV course import and have provided external IDs can still use the import files and refer to the already created objects by referencing the same ID.

## 1.2 Configuration move to UI



A lot of configuration parameter were moved to UI.

## 1.3 Learning path learning logic migration



Due to the comprehensive enhancement of learning logic in learning paths a migration is needed for systems migrating to 14.11 in order to keep previous set up logic.

The migration will be done via a java update class. The run time of migration might be very long depending on the amount of learning paths and learning logic. Please plan it accordingly.

## 1.4 Clean-ups

With the migration necessary clean-ups were executed, removing functional settings and no longer supported features.

## 1.5 Client configuration files migration

Several settings from the client configuration files were brought to the UI. Please ensure, that these settings are set properly.

With version 14.11 it will be automatically checked if these settings are defined in the client configuration files and then overtaken.

## 1.6 IDD module migration to certifications module



The module specific for IDD will be replaced by the certifications module. Therefore a migration is necessary to carry over data between both modules.  
A new license "Certifications" must be enabled to use certifications.

What will happen during the migration?

- If at least one user exists on the system with the person attribute "IDD relevant".
  - Every course with the IDD meta tag will receive the certification IDD with the given amount of hours.
  - Every course template with the IDD meta tag will receive the certification IDD with the given amount of hours.
  - The newly created certification will be assigned to every user who is IDD relevant.
  - All courses and hours of the active period will be transferred to the IDD certification and awarded to the users with the certification.

What will be available after the migration?

- All IDD reports will still be available.
- IDD meta tags will be deactivated. It will not be possible to add them anymore.
- IDD certifications will be created with a runtime of 12 months, from 01.01. until 31.12. with the set amount of 15 hours. The reset type is always reset.

## 2 Patch Documentation

### 2.1 About this document

This paper documents the changes to the imc Learning Suite in the specified version. These changes typically resolve known program errors. The resolved errors are listed individually. For each resolution, an area is listed where the corresponding issue was located and solved. Furthermore, a risk assessment was made based on the source code changes which were needed to be made to resolve the issue. This risk assessment does not assess a risk for a certain use case or scenario because this varies for each customer individually. Each change was checked according to the certified processes (ISO 9001:2008) of our development and QA department – at least two times before delivery. It is nevertheless recommended to perform additional testing of customer specific scenarios or use cases, if a change was made in an area that could have an impact on these scenarios.

### 2.2 Modifications in version 14.11.0

Area	Risk of changes			
	High *)	Medium	Low	No noticeable risk
Accessibility				1
Architecture			8	37
Attendance tracking				
Avetmiss				1
Bookshelf				
Catalogues			1	
Certifications	1	2	1	2
Clients / Multi tenant			3	2
Compliance Workflows				
Courses	4	8	21	19
Dashboards			4	1
Data privacy				
Documentation			1	29
e-Payment gateway				

Area	Risk of changes			
	High *)	Medium	Low	No noticeable risk
e-Portfolio				
Easy Course Creation				
Emails & Notifications & iCal		4	10	2
Enrolment processes	1	3	6	1
Feedbacks				
Gamification				1
Integration and interfaces (3rd party)				1
Language handling			2	
Learner area			1	
Learning App Windows				
Learning paths		1		
Media	1		1	2
Miscellaneous	3	17	95	90
Mobile Apps				
Multi language support				
Navigation		1		3
On-the-job Training	2	11	37	18
Performance support (PGS)				
Recommendation engine				
Reporting		2	3	
Resource Management				
SCORM / AICC				
Skill & Competency Management	1	2	2	2
Supervisor functions		1	2	2
System Validation				
System wide components			6	8
Testing & Assessment		4	3	2
Time Zone Handling				1
Tutor functions			1	1
User / group management				1
User experience and design		1		2
Virtual Classrooms				1
Wording			3	4
Total: 515 issues	Sum: 13	Sum: 57	Sum: 211	Sum: 234

\*) Notes about modifications with “high risk of changes”:

Area	Description of fixed issue
<b>Certifications</b>	Fixed an issue regarding the editing of the start and end date of a certification period, which should remove/add points gained if the period is not the same as the end of the course.
<b>Courses</b>	Fixed an issue in Course Folder Learning Logic.
<b>Courses</b>	Fixed an issue with the display of data columns in participant administration.
<b>Courses</b>	Fixed an issue with the display of warnings in participant administration.
<b>Courses</b>	Fixed an issue with the preview of any media for a course tutor.
<b>Media</b>	Fixed an issue with pdf files when the name contained the prefix "reading".
<b>Enrolment processes</b>	Fixed an issue where course clearance is needed on the current user course booking REST API.
<b>Miscellaneous</b>	Possibility to register for a Unique Student Identifier via a link.
<b>Miscellaneous</b>	Possibility to validate a Unique Student Identifier.
<b>Miscellaneous</b>	Participants are not displayed on prebooking list in course templates.
<b>On-the-job Training</b>	Fixed an issue with the overview for all On-the-job Trainings for evaluating the learner's progress.
<b>On-the-job Training</b>	Fixed an issue with a filter for learner's activity in On-the-job Trainings.
<b>Skill &amp; Competency Management</b>	Fixed an issue with a wrongly displayed approval option after the approval is done.