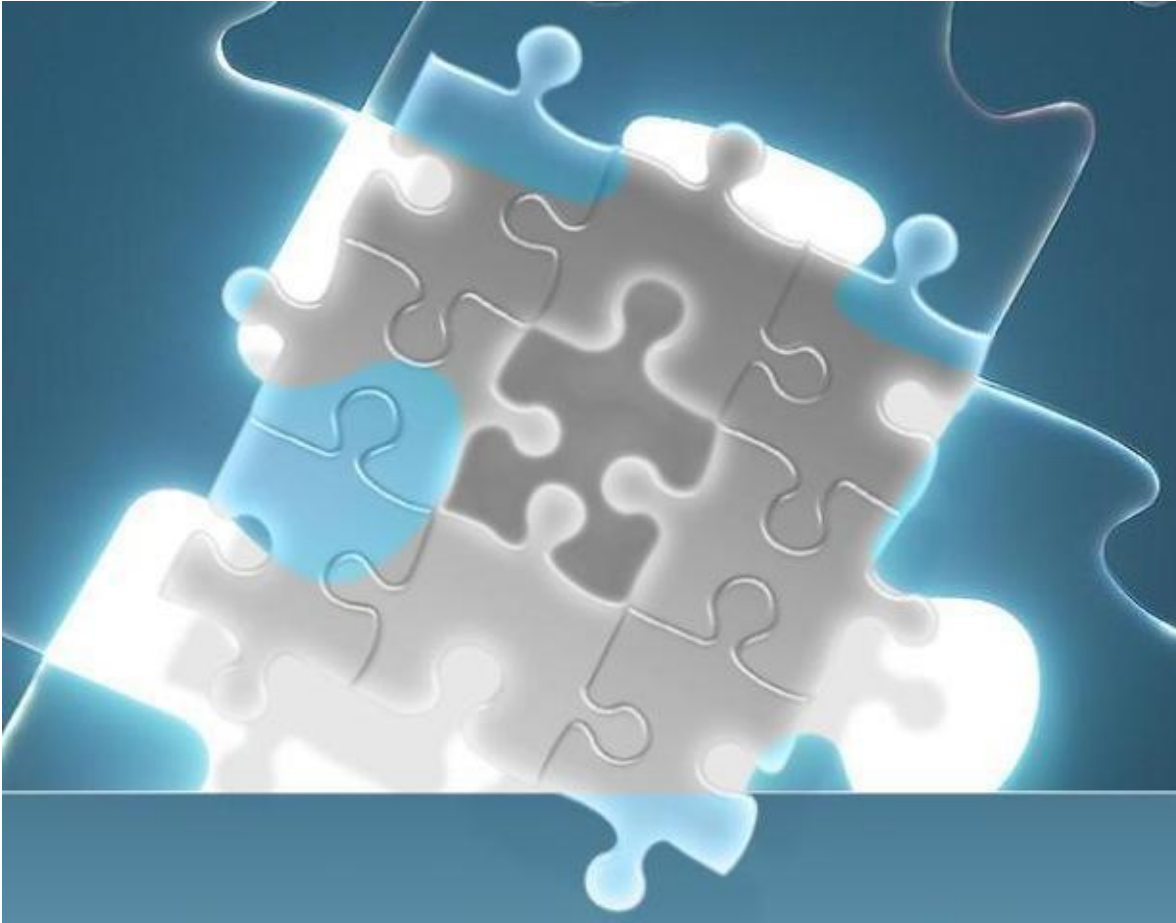


Application Note

Moldex3D License setup



Introduction

The LAMUM system provides an integrated interface to view both real-time and historical usage data from the Moldex3D server. This integration allows users to access essential information regarding the Moldex3D license usage directly through LAMUM, enhancing the user experience and enabling better management of the Moldex3D software resources.

This document outlines the steps to integrate the Moldex3D license system with LAMUM, explaining the usage of the import utility that communicates directly with the Moldex3D server to retrieve XML data, which is then processed by LAMUM.

Features of Integration

- **Real-Time Data View:** LAMUM allows users to view real-time license usage data from the Moldex3D server. This ensures that users can monitor active sessions and license availability dynamically.
- **Historical Data View:** Users can also view historical license usage data, enabling them to track usage patterns over a specific period and make data-driven decisions based on past behavior.

Sample Raw Moldex3D Data xml file:

3

```
<?xml version="1.0" encoding="UTF-8"?>
<MDX3D-LM_STAT_VERSION="1.14">
<LICENSE_HOST="2556@HOST" .SERVER_VERSION="1.15" .CURRENT_TIME="Wed 2025-03-19 15:34:24" .STATUS="SUCCESS" .AUTH_TERRITORIES="IND">
<FEATURE NAME="Moldex3D-FIBER" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2025-06-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-GENERIC_SOLUTION" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-PROJECT" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-MDE_SOLVER" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-MFE_SOLVER" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-DESIGNER" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
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<FEATURE NAME="Moldex3D-DESIGNER_ADVANCED" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-STUDIO" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .INUSE_LICENSES="1" .OCCUPIED_LICENSES="1" .TOTAL_LICENSES="1">
<USED>
<USER NAME="JOHNDOE" .HOST="HOSTADDRESS-HERE" .USED_LICENSES="1" .STATUS="InUse" .START_TIME="2025-03-24 07:15:17" .CLIENT_VER="1.15" .ID="115" />
</USED>
</FEATURE>
<FEATURE NAME="Moldex3D-STUDIO_ADVANCED" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-FLOW" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-PACK" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .INUSE_LICENSES="1" .OCCUPIED_LICENSES="1" .TOTAL_LICENSES="1">
<USED>
<USER NAME="Tousif" .HOST="INBAN-WS6GNWC44" .USED_LICENSES="1" .STATUS="InUse" .START_TIME="2025-03-25 07:15:17" .CLIENT_VER="1.15" .ID="115" />
</USED>
</FEATURE>
<FEATURE NAME="Moldex3D-COOL" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-WARP" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-ConformalCooling" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="1">
</FEATURE>
<FEATURE NAME="Moldex3D-PARALLEL" .VERSION="2024" .LICENSE_MODE="FLOATING" .EXPIRED_DATE="2026-03-17" .OCCUPIED_LICENSES="0" .TOTAL_LICENSES="7">
</FEATURE>
</LICENSE>
</MDX3D-LM>
```

Basic Setup:

1. Add a New Line Item under the **Licenses** Tab in the top menu bar, select **Moldex3D** from the **License Type** menu.
2. Set the port and host, port and host must be valid values so that lamum can communicate with server usually port is 2556 and host could be name of the host or IP address
3. Provide a meaningful tag name, as this will allow you to easily identify the license on the dashboard by its tag name

Tool	PO	Quantity	Tool(Type)	Site	Restrict	Purchase(Type)	Expiry Date	Amount	Actions
0-In	00000001	4	FLEXLM		LAN- San Diego	Subscription	Dec-31-2016	60000	/
0-In	1234567	4	FLEXLM		LAN- San Diego	Subscription	Dec-31-2016	60000	/
0-In	312887	2	DSLS		LAN- India	Subscription	Dec-31-2013	30000	/
3D Design Viewer	432143241	2	FLEXLM		LAN-Wichita	Subscription	Mar-31-2017	25000	/
Abaqus Bundle		1			LAN		Nov-10-2022	0	/
Abaqus Bundle	12345	1	FlexLM	Pune	WAN-US	Subscription	Apr-15-2020	43000	/
Abaqus/CAE	2141441	2	FlexLM		LAN- San Diego	2-Yr Subscription	Aug-14-2022	45500	/
Abaqus/Standard	415515	8	DSLS		WAN-ETZ	Perpetual_W/_Maintenance	May-17-2023	57000	/
Abaqus/Standard	321559	8	DSLS		WAN-ETZ	Perpetual_W/_Maintenance	May-17-2022	57000	/
accurev		6	Reprise	Pune	LAN-Wichita	Subscription	Feb-17-2017	5000	/
Acrobat 2	415500021	10	TEMP		LAB 101	Maintenance	Dec-31-2020	6000	/
Acrobat 2	415500021	80	Cloud		NODE	Perpetual_W/O_Maintenance	Apr-01-2016	22500	/
Adams		100	NORMAL		WAN	Subscription	May-29-2011	125000	/
Allegro Design Editor		1			LAN		Jun-01-2022	0	/
Allegro Design Editor XL	134520	5				Subscription	Mar-18-2012	33100	/
Allegro PCB Libraries	134520	4			LAN- India	Subscription	Jul-07-2016	12000	/
Allegro PCB Router	134520	2	NORMAL		WAN-US	Subscription	Jul-07-2016	32500	/
Arbortext		1					Jun-25-2015	0	/
Assura DRC	32874Q1u3o	10	DSLS		WAN-GLOBAL	Subscription	Jun-30-2019	123310	/
AutocAD		1	FLEXLM			Subscription	Mar-26-2022	0	/

- Click on Home on the left menu to open the **Monitor Update (Home)** table.
- Click **Monitor Update**.
- From the left menu bar, navigate to **Admin -> Data Collection Interval**
- Click on **Run Cron** under Force Cron Operation

Enter Time Interval for Data Collection

Notes: Values may be 5-30 minutes

Time Interval (minutes)

Update

Cancel

Notes:

All Tags will be read at same set interval.

First cron will run after the time interval is set

Force Cron Operation

Run Cron

8. The data should be successfully imported and reflected in realtime. According to your provided cron interval system will continue to pull data from the server and you will be able to see that in all charts and tables provided on dashboard.

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