



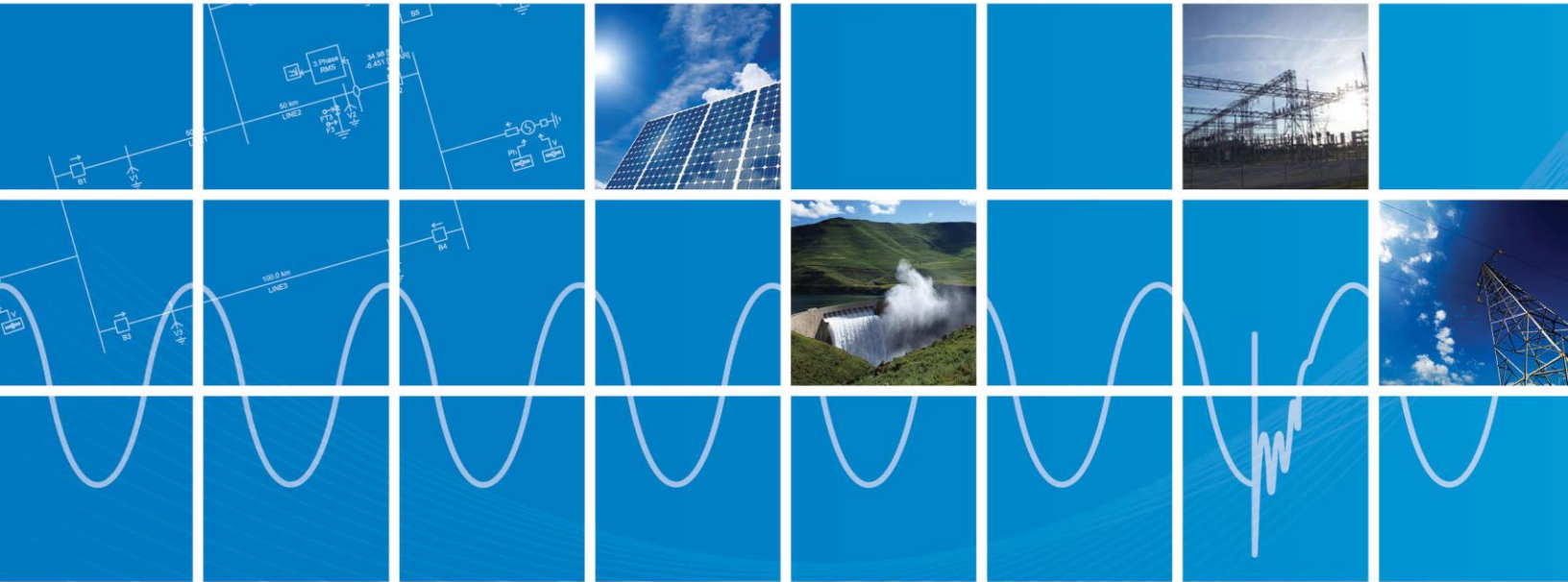
PSCAD™

## PSCAD v4 and x4 - Best Licensing Upgrade Practices

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Initial



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## 1. Introduction

This document is intended for customers who want to run PSCAD V4 using a PSCAD V5+ lock-based license. Information on different versions of V4 as well as the License Manager are considered.

### 1.1. Older versions of PSCAD

The original release of PSCAD 4.2.1 (2007) cannot be self-licensed by lock-licenses for PSCAD v5 or better.

The original releases of PSCAD 4.3.0...4.4.1 cannot be self-licensed by lock-licenses for PSCAD v5 or better.

The original releases of PSCAD 4.5.0...4.5.5 cannot be self-licensed by lock-licenses for PSCAD v7 (not yet released) or better.

The original releases of PSCAD 4.6.0...4.6.3 Update 3 cannot be self-licensed at all by lock-licenses for PSCAD v7 (not yet released) or better. They can be self-licensed by lock-licenses for PSCAD v5 and v6, but will not correctly report the license's version number.

The table below gives recommendations on if you need to upgrade your existing PSCAD and License Manager, if used, depending on your intentions to upgrade to PSCAD v5 or better.

### 1.2. Older Versions of the PSCAD License Manager

Older versions of the lock-based License Manager might not recognize or use lock licenses for PSCAD v5...v9.

If using specified, older versions of PSCAD with a PSCAD V5 lock-based license, the Standalone License Manager v1.45 (or newer) must be used to manage the license. Details are listed in Section 2.



## 2. Best Practice Upgrade Recommendations

Situation	PSCAD Self-Licensing Recommendations	License Manager Recommendations
I am running PSCAD 4.2.1 and will <b>not</b> be upgrading to PSCAD v5 or better	[1]	[2]
I am running PSCAD 4.2.1 and will <b>will</b> be upgrading to PSCAD v5 or better	Install the PSCAD 4.2.1 (2020) patch so that it can be self-licensed by lock licenses for PSCAD v5...v9.	If using a License Manager, you need to update your License Manager to 1.45 or better so it can grant PSCAD v5...v9 lock licenses to PSCAD 4.2.1 as needed.
I am running PSCAD 4.3.0...4.4.1 and will <b>not</b> be upgrading to PSCAD v5 or better	[1]	[2]
I am running PSCAD 4.3.0...4.4.1 and will <b>will</b> be upgrading to PSCAD v5 or better	When self-licensing, these versions cannot recognize or use lock licenses for PSCAD v5...v9.  If you need to continue using these versions, you need to stop using self-licensing, and just install and use License Manager 1.45 or better.  Otherwise, upgrade to PSCAD 4.6.3 Update 4 which can recognize and use lock licenses for PSCAD v5...v9.	If using a License Manager, you need to update your License Manager to 1.45 or better so it can grant PSCAD v5...v9 lock licenses to PSCAD 4.3.0...4.4.1 as needed.
I am running PSCAD 4.5.0...4.5.5 and will <b>not</b> be upgrading to PSCAD v5 or better	[1]	[2]
I am running PSCAD 4.5.0...4.5.5 and will <b>will</b> be upgrading to PSCAD v5 or v6	When self-licensing, these versions <b>can</b> recognize and use lock licenses for PSCAD v5...v6, but will not correctly report the license's product version. No upgrade actions are required.	If using a License Manager, you need to update your License Manager to 1.45 or better so it can grant PSCAD v5...v9 lock licenses to PSCAD 4.5.0...4.5.5 as needed.
I am running PSCAD 4.5.0...4.5.5 and will <b>will</b> be upgrading to PSCAD v7 or better	When self-licensing, these versions cannot recognize or use lock licenses for PSCAD v7...v9.  If you need to continue using these versions, you need to stop using self-licensing, and just install and use License Manager 1.45 or better.  Otherwise, upgrade to PSCAD 4.6.3 Update 4 which can recognize and use lock licenses for PSCAD v5...v9.	If using a License Manager, you need to update your License Manager to 1.45 or better so it can grant PSCAD v5...v9 lock licenses to PSCAD 4.5.0...4.5.5 as needed.



I am running PSCAD 4.6.0...4.6.3 Update 3 and will <b>not</b> be upgrading to PSCAD v5 or better	[1]	[2]
I am running PSCAD 4.6.0...4.6.3 Update 3 and <b>will</b> be upgrading to PSCAD v5 or v6	When self-licensing, these versions <b>can</b> recognize and use lock licenses for PSCAD v5...v6, but will not correctly report the license's product version. No upgrade actions are required.	If using a License Manager, you need to update your License Manager to 1.45 or better so it can grant PSCAD v5...v6 lock licenses to 4.6.0...4.6.3 Update 3 as needed.
I am running PSCAD 4.6.0...4.6.3 Update 3 and <b>will</b> be upgrading to PSCAD v7 or better	When self-licensing, these versions cannot recognize or use lock licenses for PSCAD v7...v9.  If you need to continue using these versions, you need to stop using self-licensing, and just install and use License Manager 1.45 or better.  Otherwise, upgrade to PSCAD 4.6.3 Update 4 which can recognize and use lock licenses for PSCAD v5...v9.	If using a License Manager, you need to update your License Manager to 1.45 or better so it can grant PSCAD v7...v9 lock licenses to 4.6.0...4.6.3 Update 3 as needed.
I am running PSCAD 4.6.3 Update 4 and will <b>not</b> be upgrading to PSCAD v5	No need to do anything as PSCAD 4.6.3 Update 4 is the latest version of this product family.	[2]
I am running PSCAD 4.6.3 Update 4 and <b>will</b> be upgrading to PSCAD v5	No need to do anything as PSCAD 4.6.3 Update 4 is the latest version of this product family.	If using a License Manager, you need to update your License Manager to 1.45 or better so it can grant PSCAD v5...v9 lock licenses to 4.6.3 Update 4 as needed.

**Notes**

1. Upgrade to PSCAD 4.6.3 Update 4 or Update 5 as a best practice, if eligible and if possible.
2. If you are using a License Manager, as a best practice, install and use the included License Manager 1.45 or better to take advantage of enhancements and bug fixes. Then you are v5 ready if you do decide to upgrade to PSCAD v5 at some later date.



DOCUMENT TRACKING

Rev.	Description	Date
0	Initial	15/Jan/2020