



# JobQueue 2019.01

## Release Notes

## 1. OVERVIEW

As a web-based simulation job management platform, JobQueue mainly consists of “Web UI”, “User Manager”, “Job Manager” and “Process Manager”. Web UI is the user interface to access this system. User Manager helps you manage login accounts, including add and delete the account, set up a password and define priority. Job Manager submits simulation jobs to a queue, manage job priority, monitor job status and so on. Process Manager is an independent service process, which is always running to detect and manage simulation jobs.

The Release Notes cover the following releases:

### **JobQueue 2019.01**

Release Date: July 19, 2019

The Release Notes present the latest information about JobQueue Version 2019.01 in the following sections:

- [Supported Operating Systems](#)
- [New Features and Enhancements in JobQueue 2019.01](#)
- [New Features and Enhancements in JobQueue 2019.01.h3](#)

## **2. SUPPORTED OPERATING SYSTEMS**

JobQueue 2019.01 is available on both Windows and Linux. Obtain the appropriate binary executable files for your operating system. The supported platforms for this release include:

- Windows XP or above
- Linux

## **3. New Features and Enhancements in JOBQUEUE 2019.01**

JobQueue 2019.01 provides new features and enhancements as described in the following sections.

### **3.1 Usability Improvements**

- Supported basic ViaExpert simulation.
- Supported basic IRIS/IRIS Plus simulation.
- Supported to display information on IRIS simulation.
- Supported to display curve of IRIS simulation result.
- Optimized support to Linux.
- Optimized HFSS divided simulation.

## **4. New Features and Enhancements in JOBQUEUE 2019.01.h3**

JobQueue 2019.01.h3 provides new features and enhancements as described in the following sections.

## 4.1 Usability Improvements

- Supported to list jobs running on node.
- Optimized user interface of system config.
- Optimized HFSS separated submission flow, and supported to display message on error.
- Optimized processing of job queue, improved efficiency.
- Optimized processing of network communication, improved stability.

## 5. Legal Notice

The source code used in JobQueue comprises of both Open Source and proprietary software components.

The Open Source components used in JobQueue are:

- Apache tomcat 7.0.62

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- **Mysql 5.6.20**

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Updated July, 2010

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- **Inno Setup 6.0.4**

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