

# ENTRÉ

## PRE-UPGRADE CHECKLIST



# COMPLETE THE ENTRÉ PRE-UPGRADE CHECKLIST

As an Entré Certified Technician, make sure you review and complete all the necessary tasks in this document before continuing with the upgrade process.

Dealer Name: \_\_\_\_\_ Date: \_\_\_\_\_

## CHECK SYSTEM CONFIGURATION

What is the currently installed version of Entré? \_\_\_\_\_

What is the Entré serial number for the site? \_\_\_\_\_

Do you have remote keys programmed into your panels?  Yes  No

### SQL Server

Is SQL on the same machine as the Application Server? \_\_\_\_\_

What version of Windows is installed on the SQL Server? \_\_\_\_\_

What version of SQL is installed on the SQL Server? \_\_\_\_\_

What is the size of the Entré database? \_\_\_\_\_

What is the total memory allocated to the operating system? \_\_\_\_\_

- › **At least 4GB should be allocated to the operating system.**

What is the maximum memory allocated to SQL? \_\_\_\_\_

- › **Maximum memory should never be higher than the total memory minus 4GB for the operating system overhead.**

What is the minimum memory allocated to SQL? \_\_\_\_\_



- › **Set minimum allocation to the same amount as maximum.**

What model are the processors? \_\_\_\_\_

How many processor cores does the SQL Server have? \_\_\_\_\_

What is the maximum degree of parallelism set in SQL (MaxDOP)? \_\_\_\_\_

- › **This should never be higher than 25% of the maximum.**

 **For more Information, refer to the following Microsoft SQL documentation:**  
 [Configure the Max Degree of Parallelism](#)

Do you use the Reporting Services client? \_\_\_\_\_

- › **If the Reporting Services client is installed but unused, be sure to uninstall it.**

Is the recovery model Simple? \_\_\_\_\_

- › **If no, set it to Simple.**

Is Auto-Close on SQL set to False? \_\_\_\_\_

- › **If no, set it to False.**

How is the Temp DB configured? \_\_\_\_\_

- › **There should be one data file for every processor core, and that file should not be on the same drive as the database.**

If you're using a virtual machine for SQL, is Resource Allocation (processors, RAM, etc.) configured to Statically assign? \_\_\_\_\_

- › **If no, set it to Statically assigned, not Dynamic.**

## **Application Server**

Is the Application Server on the same machine as SQL? \_\_\_\_\_

What version of Windows is installed on the Application Server? \_\_\_\_\_

What model are the processors? \_\_\_\_\_

How many processor cores does the Application Server have? \_\_\_\_\_

What is the total memory installed? \_\_\_\_\_

How much storage drive space is available? \_\_\_\_\_

Is Java installed? If yes, what version? \_\_\_\_\_

- › **Remove or configure heap memory sizes.**

If you're using a virtual machine for SQL, is Resource Allocation (processors, RAM, etc.) configured to Statically assign? \_\_\_\_\_

- › **If no, set it to Statically assigned, not Dynamic**

## **Clients**

What version is the client operating system? \_\_\_\_\_

What is the total memory installed? \_\_\_\_\_

How many clients are currently installed? \_\_\_\_\_

## Apache Tomcat Web Client Server

Are web clients used? \_\_\_\_\_

Does Apache Tomcat have its own dedicated server? \_\_\_\_\_

Have you completed the steps in [Entré Apache Tomcat Configuration](#)? \_\_\_\_\_

## Server Traffic

How many Doors are currently programmed in Entré? \_\_\_\_\_

How many Badges are currently programmed in Entré? \_\_\_\_\_

How many Panels are currently programmed in Entré? \_\_\_\_\_

How many Partitions are currently programmed in Entré? \_\_\_\_\_

How many Events take place per day? \_\_\_\_\_

## COMPLETE FINAL TASKS

- All the latest service packs and updates have been installed for Windows, SQL, and Java.
- All the latest security patches have been applied.
- The system has been rebooted and stable for at least 48 hours.
- The SQL database has been backed up.
- The server has a System Restore Image and System Restore has been tested successfully.
- IT Staff is on hand and available.
  - › [Including Network Administrator, Database Administrator, System Administrator](#)



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