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Product bulletin

# Memory Configurations for Brisque 5.0

This document provides the memory configuration requirements for all Brisque® 5.0 platforms, and addresses additional performance issues with the Tiger II and F50 platforms.

## Memory configuration per platform

| Machine type | Minimum size | Recommended size |
|---|---|---|
| 43P-150 (Tiger II) | 1.0 GB * | 1.0 GB |
| F50 /2 | 2.0 GB * | 2.0 GB |
| F50 /4 | 2.0 GB * | 2.0 GB |
| 44P-170 (Hammerhead) | 1.0 GB | 1.5 GB |
| 6F1 /2 | 1.0 GB | 2.0 GB |
| 6F1 /4 | 1.5 GB | 2.0 GB |
| 6F1 /6 | 2.0 GB | 2.0 GB |
| 6E3 /1 | 1.0 GB | 1.0 GB |
| 6E3 /2 | 2.0 GB | 2.0 GB |
| 6E4 /4 | 4.0 GB | 4.0 GB |

*** Note:** If Brisque 5.0 is already installed on 43P-150 and F50 workstations, there is no need to change the existing memory. However, it is highly recommended that customers upgrade the memory to the recommended size.

An updated *V5Ready* procedure will provide memory requirements per Brisque platform, so that these will be known to customers prior to Brisque 5 installation. The new procedure will be posted on the eCentral, Creo.com and TechPlanet.

**General Tip:** Customers are advised that adding memory to the Brisque and Client workstations (on top of the defined pre-requisite), will always increase performance. The degree of increase depends on the customer's workflow and configuration.

# Tiger II and F50 performance issues

The 43P-150 (Tiger II) and F50 platforms show slower performance in Brisque version 5.0.61.10 (FP version), in comparison to version 4.1.

## Performance during parallel operations

During parallel operations on the F50 with 2/4 CPUs, the following performance issues were found:

- Throughput reduction of about 10% in the output operations (Screen2Go and Plate Expose)
- Slow response on Brisque clients

To improve performance in such cases, it is recommended to adjust the **vmtune** AIX® kernel. This will enable more efficient paging activity, thus significantly increasing overall system performance.

This adjustment is part of a planned update that will follow the FP released version. This update will be loaded on top of the FP version.

Alternatively, the **vmtune** adjustment can be performed manually on each Brisque workstation. Appropriate instructions on how to perform this adjustment have been sent to all field engineers and Remote Support personnel.

This adjustment affects the overall performance of all Brisque configurations/platforms. However, due to a combination of relatively low performance platforms (namely, F50 and Tiger II) and the enhanced client server operation (Java architecture) in Brisque version 5, there could be cases where the customers' experience will be different from their experience with Brisque version 4.x.

## Plate throughput in Tiger II

It was also found that when the Tiger II is directly connected to the new Trendsetter® 800 II F speed device, the throughput is a maximum of 13 pph (plates per hour) instead of 16 pph (which is the expected throughput for this machine speed). This reduced throughput occurs with Brisque v4.1 and v5.0.

**Conclusions:**

- Tiger II is not approved for any CTP output
- FP Update 10 for v5.0 Upgrades is required in order to address client performance issues. The new system performances adjustment should be done manually (**vmtune** adjustment). System performance adjustments will be part of the FP release.
- The memory configuration requirements, as presented in the *Memory configuration per platform* table in this document, should be followed prior to upgrading to V5.

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