

**ISO Bridge Performance**

Testing Environment:

- OS : Linux CentOS release 5.5
- Processor : Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz 64-bit
- Memory : 1GB RAM

With the default Java Virtual Machine Heap Size of 128 MB

The ISO Bridge's receiving capacity was about 12,000 Messages / Minute With an Increased Java Virtual Machine Heap Size of 512 MB

The ISO Bridge's receiving capacity was about 100,000 Messages / Minute

|                                |  |
|--------------------------------|--|
| <strong>JVM Heap Size</strong> | <strong>ISO Bridge Average Receiving Capacity</strong> |
| 128 MB                         | 12,000 Message / Minute                                |
| 512 MB                         | 100,000 Message / Minute                               |

Note: The average Size of the ISO Message used for testing was about 3KB

For Messages that required little processing by the banking System (Such as Completion Messages)

- The bridge was able to process an average of 9,000 Messages / Minute

For Messages that required a lot of processing by the banking System (such as Authorization Messages)

- The bridge was able to process an average of 300 Messages / Minute.

Leading to the conclusion that the ISO Bridge can easily handle an average of 9,000 Messages / Minute, if integrated with a high performance banking system.

|   |   |
|---|---|
| <strong>Banking System Processing Time</strong>   | <strong>ISO Bridge Average Message Processing Rate</strong> |
| Short Processing Time (ex. Completion Messages)   | 9,000 Messages / Minute                                     |
| Long Processing Time (ex. Authorization Messages) | 300 Messages / Minute                                       |

Note: The average Size of the ISO Message used for testing was about 3KB

**Conclusion: ISO Bridge can easily process Route & Filter an average of 9,000 Messages / Minute**