





SIGNIFICANCE OF IPERFORM

iPerform is an Integrated Automated test suite for managing the Non-Functional Testing of all applications used in Port and Logistics industry.

iPerform is used to validate the contractual SLA with respect to performance/load, volume, stress, spike, scalability and endurance testing.

iPerform is effectively used for Non-Functional testing with minimal SME's involvement to deliver the high quality services.

SUCCESS STORY

IGO has performed Non-Functional Testing in different port & terminal systems across the world.

Volume test performed for 5 Million TEU's using iPerform to ensure the end-to-end applications stability, sustainability and performance.

Mimic the real time equipment simulation ensuring that the system can handle 300 ITVs without any performance degradation.

Measured scheduler/dispatcher performance of TOS & ECS.

iPerform supports Multi vessel and concurrent end to end business scenarios.

Performed concurrency user load simulation for UK based client and identified the potential performance bottlenecks.



KEY BENEFITS



Transactions

- Total moves completed per hour
- Number of hits/sec
- System throughput
- Number of Moves completed equipment's deployed



IPERFORM METRICS

- Equipment Execution time
- Order Dispatching Time
- Order Completion

Server Statistics

- CPU Utilization
- Available Memory
- Process Memory
- Disk Usage
- > Network Latency

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Database Statistics

- > Average query latency
- › Database connections
- Number of Errors
- Track/Trace Process wise Memory usage
- DB Deadlocks trace
- > Buffer cache

| Equipm ent's | Lift Time (SC Commands | Container position | Job Receive Time (SC Order table) | Time Ofference between | Equipment Execution Time | Order Execution Time Ofference between Job Receive time and SetDown | Order Execution Time in | Equipment Execution Time (in Seconds) | Order Execution Time (in Seconds) | Equipment Execution Time |
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For More Information

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