



iPERFORM



Performance Testing



Volume Testing



Smoke Testing



Stress Testing



Load Testing



Security Testing

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



iPERFORM METRICS

Transactions

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

Response Time

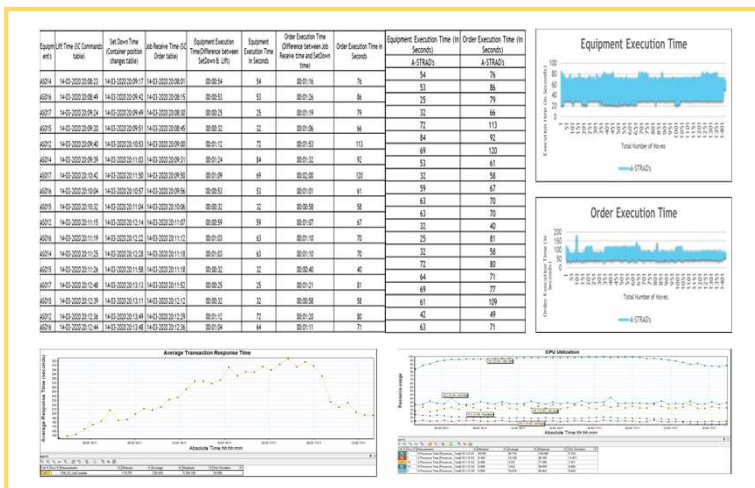
- › Equipment Execution time
- › Order Dispatching Time
- › Order Completion Time

Server Statistics

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

Database Statistics

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



For More Information

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