# DATABASE RE-PLATFORM

## NATIONAL OFFICE SUPPLIES CHAIN

### The Challenge
The customer needed to re-platform their 18 TB production Oracle ERP system with minimal downtime as the system supports transaction feeds from thousands of retail stores and web transactions.

### The Solution
Buchanan migrated the customer from an Intel Linux-based system to a Solaris SPARC-based system in less than 24 hours. Buchanan also assisted in an ILM and application upgrade strategy.

### The Success
Buchanan's performance expertise significantly reduced the process downtime and ensured data integrity moving forward.

Migrated System in

Less Than
24 HOURS

# DATABASE RE-PLATFORM
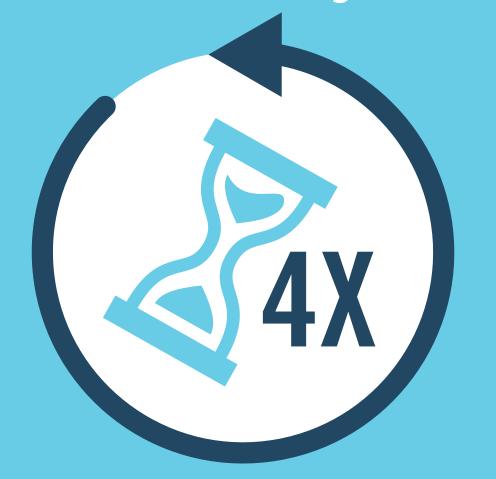
## GLOBAL FINANCIAL SERVICES COMPANY

### The Challenge
The customer needed to re-platform their 11 TB Oracle ERP system to a Linux-based Oracle RAC cluster that would allow the system to scale out to support future growth.

### The Solution
Buchanan helped the customer re-platform from an IBM AIX Power Series to an HP Intel-based Linux (x86) RAC based system with Oracle ASM.

### The Success
Buchanan was able to reduce the migration time by four times to significantly reduce downtime. Buchanan also tuned the key business processes to increase the system throughput and improve overall performance.

## Reduced Migration Time by

**4X**

# DATABASE UPGRADE

## GLOBAL CONSUMER TRANSACTION TECHNOLOGIES COMPANY

### The Challenge
The customer needed to upgrade from the release 11i of Oracle E-Business Suite to release 12.1.3.

### The Solution
Buchanan's team of database experts executed the upgrade and provided performance monitoring and technical support during R12 testing to ensure a smooth production go-live.

### The Success
Buchanan was able to reduce the upgrade downtime from 11 days to under two days using their advanced performance tuning methodology and optimized the new database to increase efficiencies across the organization.

## Reduced Upgrade Time

## by More Than 85%

# SYSTEM + APPLICATION UPGRADE

**GLOBAL PROVIDER OF ELECTRONIC COMPONENTS & ENTERPRISE COMPUTING SOLUTIONS**

## The Challenge
The customer wanted an application and system upgrade involving a large amount of data, including supply chain, financials, MDM, CRM and procurement; however, the upgrade could not exceed their downtime window.

## The Solution
Buchanan was able to upgrade the client's system and application in less than 20 hours including the core ERP system and distributed planning system.

## The Success
In addition to managing and executing the upgrade, Buchanan provided system testing including performance and load testing to help proactively identify and resolve possible issues to ensure a smooth launch.

Upgraded Entire System in

Less Than **20 Hours**