



# CERTIFICATION

## SAP® Standard Application Benchmarks

The SAP Sales and Distribution (SD) Standard Application Benchmark performed on November 7, 2016 by Dell in Austin, TX, USA, was certified by SAP on behalf of the SAP Benchmark Council on November 18, 2016, with the following data:

|  |  |
|--|--|
| Number of SAP SD benchmark users:              | 38,177                                       |
| Average dialog response time:                  | 0.97 seconds                                 |
| Throughput:                                    |  |
| Fully processed order line items per hour:     | 4,175,000                                    |
| Dialog steps per hour:                         | 12,525,000                                   |
| SAPS:  | 208,750                                      |
| Average database request time (dialog/update): | 0.009 sec / 0.017 sec                        |
| CPU utilization of central server:             | 97%  |
| Operating system, central server:              | Windows Server 2012 R2 Datacenter Edition    |
| RDBMS:   | DB2 10.1                                     |
| SAP Business Suite software:                   | SAP enhancement package 5 for<br>SAP ERP 6.0 |

### Configuration:

Central server: Dell PowerEdge R830, 4 processors / 88 cores / 176 threads,  
Intel Xeon Processor E5-4699 v4, 2.20 GHz, 64 KB L1 cache and  
256 KB L2 cache per core, 55 MB L3 cache per processor,  
1024 GB main memory

Certification number: 2016057

