

# Meet your new database machine.

With data volume and velocity growing, you can do what you've always done: Invest in another large proprietary database system (after spending months and hundreds of thousands of dollars on a system sizing exercise to ensure you have enough memory for the next 3-5 years), with all its associated infrastructure and maintenance expense.

Or you can get the same or better performance at a much lower cost with a solution that leverages industry-standard servers you may already own.

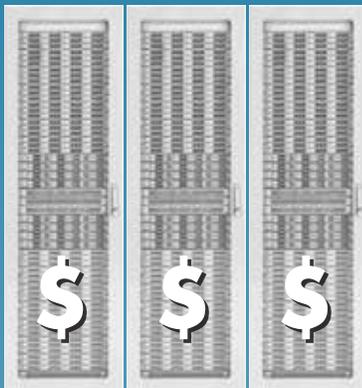
*TidalScale combines all the resources of multiple X86 commodity server into Software-Defined Servers of virtually any size to handle an in-memory database workload—with zero software changes, ever.*

## Real-World Use Case Large Multinational Bank

### TRADITIONAL DATABASE MACHINE Proprietary Appliance

- 3 environments (Prod, Non-Prod, DR)
- 12 compute nodes
- 576 cores
- 18 TB DRAM total
- 14kVA power req.
- 48 network ports

TCO: \$\$\$\$

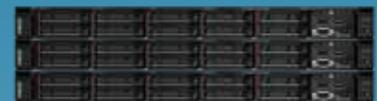


3 RACKS

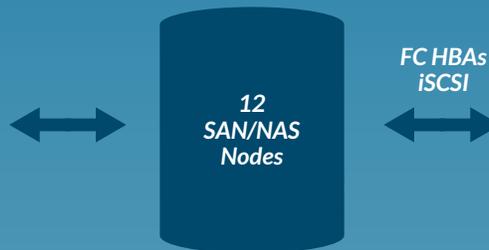
### SOFTWARE-DEFINED SERVER Industry-Standard System

- 3 environments (Prod, Non-Prod, DR)
- 6-12 compute nodes
- 48-144 cores
- 18 TB DRAM total
- 0.78 to 1.41kVA power req.
- 48 network ports

TCO: \$



1/6 TO 1/3 OF 1 RACK  
FOR ALL 3 ENVIRONMENTS



#### MASSIVELY SCALABLE



Never run out of memory again.  
Size servers with everything your workload demands.

#### OPTIMIZE INFRASTRUCTURE



Get better performance from fewer cores and lower power consumption.

#### NO MORE SIZING



Stop procuring systems for what you think you'll need 5 years from now.

#### PAY AS YOU GROW



Optimize software licensing costs by paying only for the size system you're using today.

#### ON-DEMAND, FAST & EASY



Build a Software-Defined Server in under 5 minutes.  
Add capacity just as quickly.

#### DRIVE DOWN TCO



On-premise or in the cloud, keep costs down using low-cost, X86 commodity systems.