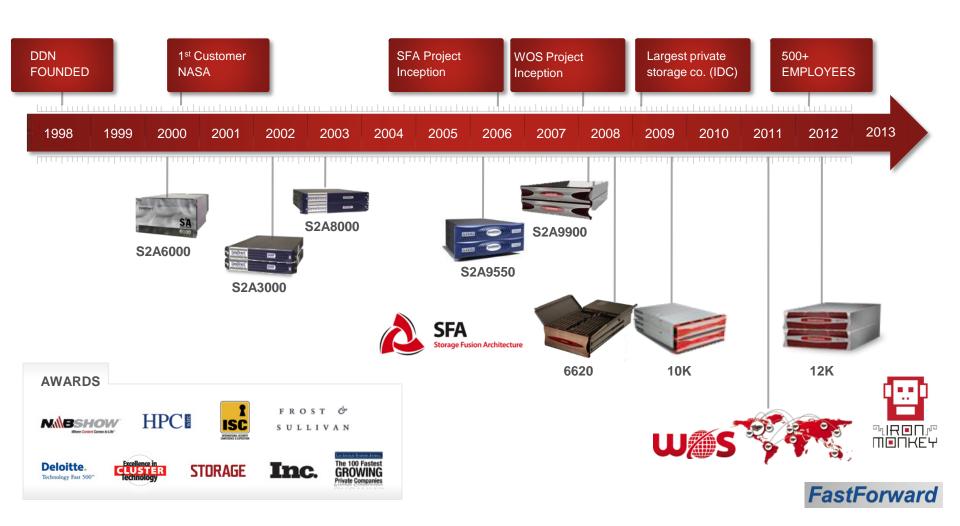


## **Laurent Thiers**

EMEA Director Sales, Strategic Accounts

# The Right investment & partnerships for Exascale development





## HPC & Cloud Infrastructure Portfolio











#### hScaler™

50-2000 Nodes 200+ Data Sources High Speed ETL Up to 500% Faster Results





#### EXAScaler™

10Ks of Clients 1TB/s+, HSM Linux/Windows Clients NFS & CIFS

#### Enterprise Scale-Out File Storage



#### **GRIDScaler™**

1Ks of Clients 1TB/s+, HSM Linux/Windows Clients NFS & CIFS

#### **Storage Fusion Architecture™ Core Storage Platforms**



#### SFA12K

40GB/s/1.7M IOPS 1,680 Drives: 16U-2 Racks Embedded Computing



#### **SFA7700**

10GB/s, 600K IOPS 60 Drives in 4U; 396 Drives in 20U

#### Flexible Drive Configuration







#### **SFX** Automated Flash Caching

- Read
   Context Commit
- · Write · Instant Commit



#### Cloud Tiering

#### Cloud Foundation



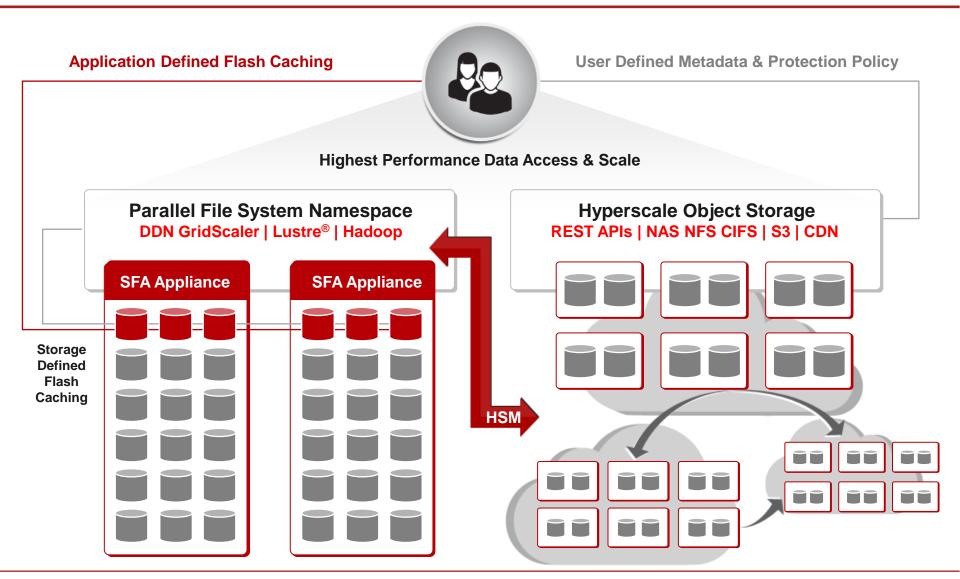
#### WOS<sup>®</sup> 2.5

256 Billion Objects GeoReplicated 8 Million Objects/Second Self-Healing

**Mobile Cloud Access** 

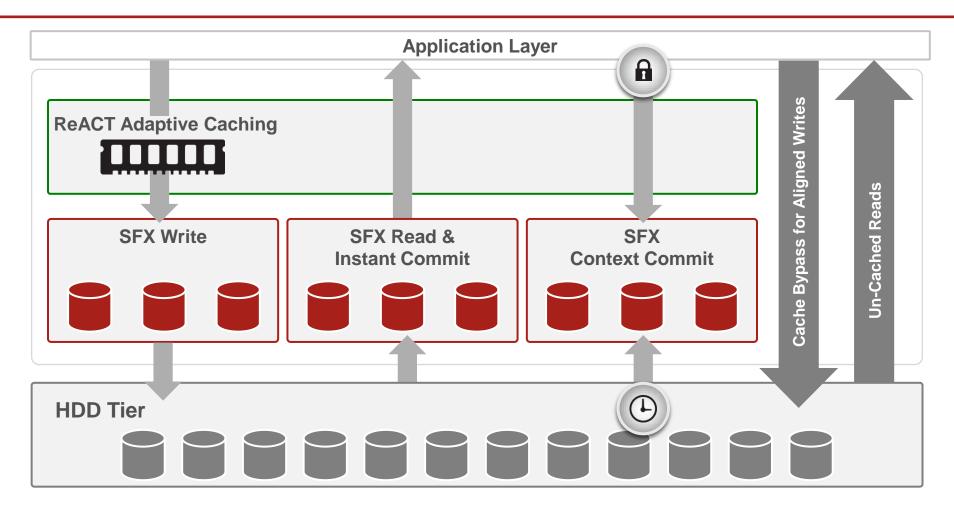
# Application-Defined Storage Intelligence DDN's Big Data Storage Access





## The Many Dimensions of **SFA** Acceleration





**SFA ReACT:** Adaptive Cache Mirroring **SFX Read:** Automated Read Caching

SFX Instant Commit: Automated Cache Warming

**SFA Context Commit:** API to Lock Data in Cache **SFX Write:** Automated Write Caching (pending)

# DDN & ORNL – Titan & Spider II The World's Fastest Storage System









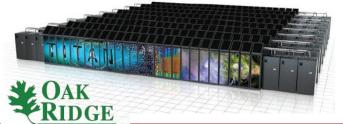














### **DDN & FastForward**



# Intel & DoE/NNSA have now selected DDN to drive innovation in their I/O R&D Program for Exascale

- Co-Development of Exascale I/O Layers
- Lustre<sup>®</sup>, Burst Buffer, Object Store
- \$M Long-Range Development Effort
- 100% Open Source Contribution
- Complete Alignment with DDN Exascale Strategy





















# To our Customers, Partners, the HPC Community...



