



Driving the financial market one tick at a time







# +100K

Servers delivered Yearly

# 600+

Employees Worldwide

# 3000

Customers in 70 Countries

# 1.3M

Units Yearly Mfg Capacity

# 10,000+

HFT Servers delivered

# 1.2M

SQ-FT Facilities US/CAD

# 65MW

(3) Datacenters in Montreal

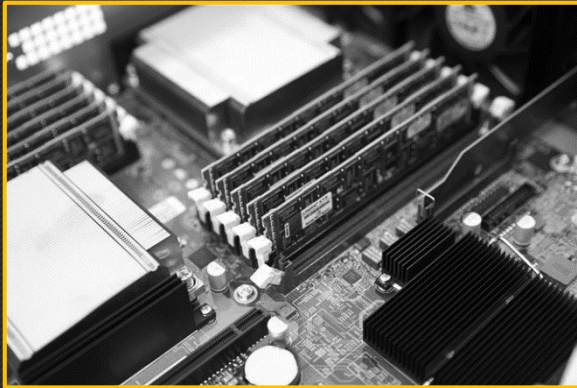
# 1986

Year Founded



## DIFFERENT BUSINESS UNITS

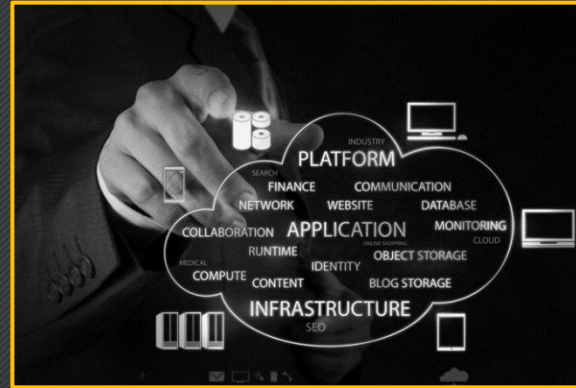
IT EQUIPMENT  
MANUFACTURER



DATA CENTER  
COLOCATION



VALUE ADDED  
RESELLER

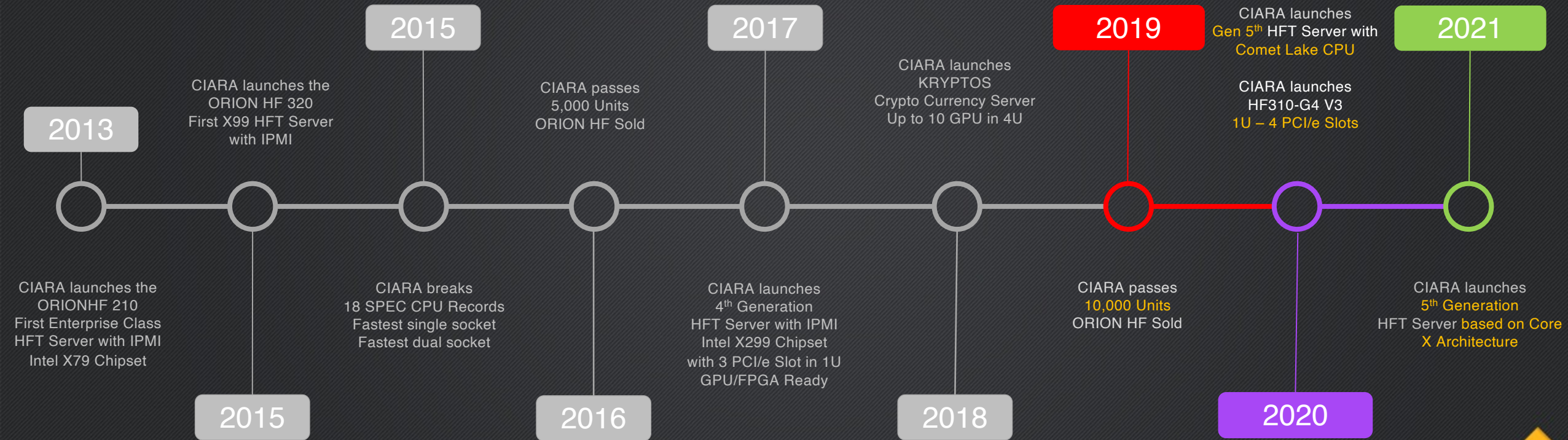


DISASTER RECOVERY  
BUSINESS CONTINUITY





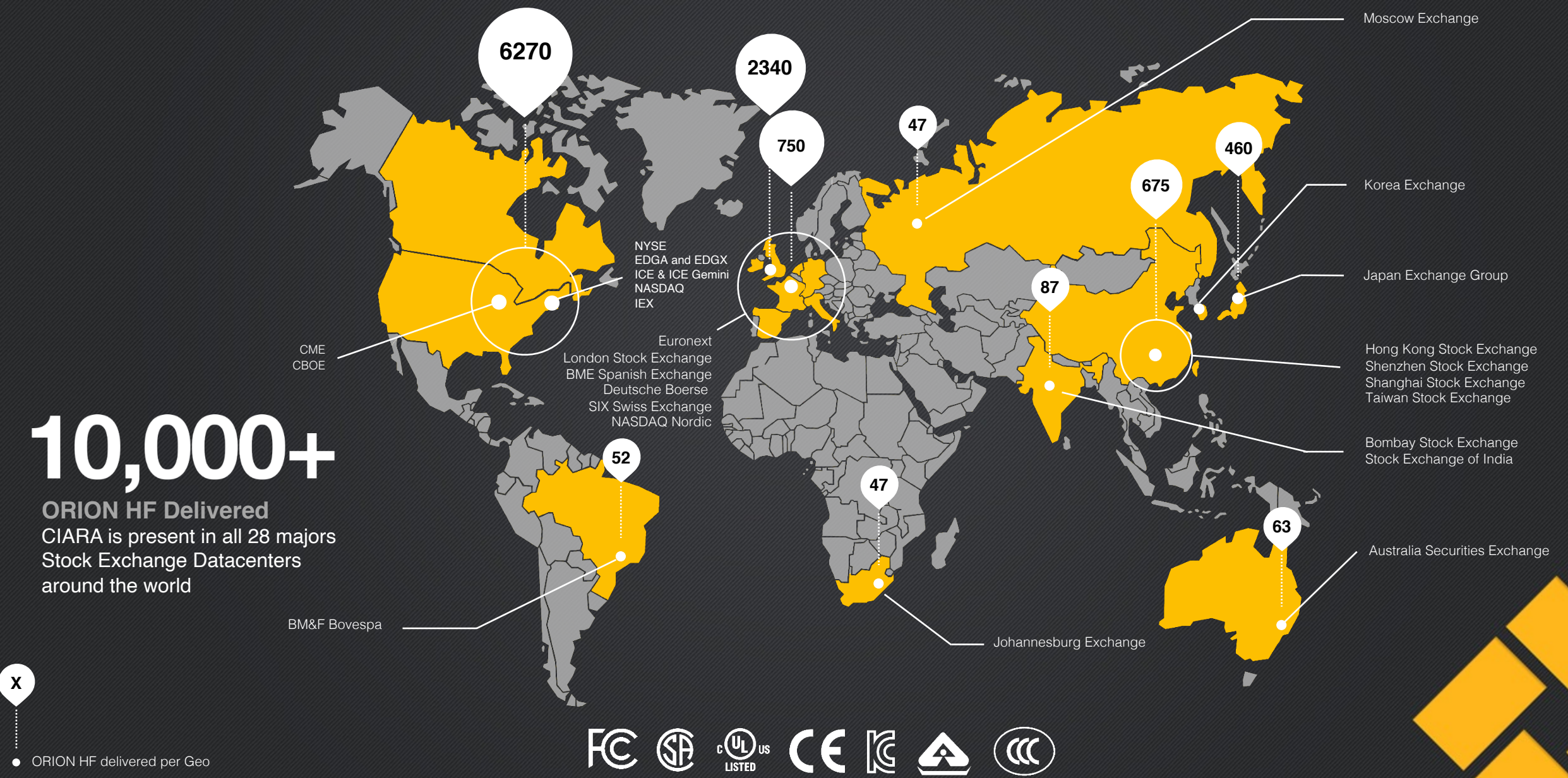
# CIARA HFT PRODUCTS MILESTONE





# OUR GLOBAL PRESENCE

CERTIFIED TO DELIVER AND SUPPORT EVERYWHERE YOU NEED





# PRODUCT OVERVIEW

CIARA **1U** SERVERS FOR ULTRA-LOW LATENCY ELECTRONIC TRADING



UP TO **5.3GHz**



## HF210 FEATURES

Intel® Core™ i9-10900KF (**10 core**)

**5.0GHz L3 Cache**

2 PCI/e Slots

Up to 128GB of DDR4 Memory

DC Compliant Liquid Cooling



UP TO **5.0GHz**



## HF310 FEATURES

Intel® Core™ i9-10980XE (**18 core**)

3.1GHz L3 Cache

**Up to 4 PCI/e Slots - No Ribbon Riser**

Balanced PCI/e Slots Architecture

DC Compliant Liquid Cooling



UP TO **4.5GHz**



## HF610T FEATURES

Intel Scalable Cascade Lake Refresh

**8 to 28 Core** Processor

Turbo Lock BIOS - No CPU Speed Jitter

Balanced PCI/e Slots Architecture

High Performance Air Cooling



# PRODUCT OVERVIEW

CIARA **HIGH PERFORMANCE** SERVERS FOR GRID/PRODUCTION CLUSTER



UP TO **280W**



## ORION RS610A FEATURES

Support 2 AMD EPYC 7002

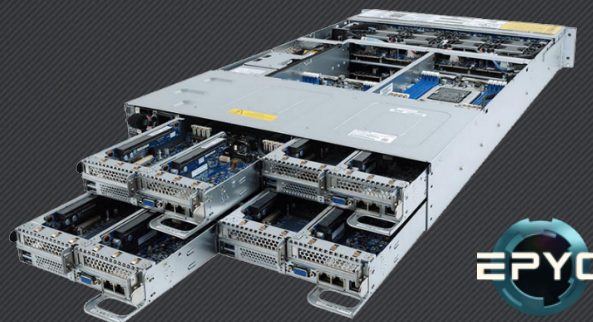
Up to **280W TDP** Processor

**2 PCI/e Gen4 x16** + 2 OCP Slots

32 DIMMS DDR4 3200MHz

**Air or Liquid or Submerged Cooling**

UP TO **280W**



## ORION RS620AQ FEATURES

2U 4 Nodes High Density Server

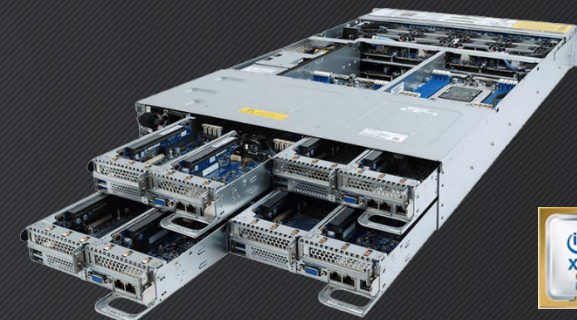
**Up to 280W TDP** Processor

**2 PCI/e Gen 4 x16** Slots/Node

16 DIMMS DDR4 3200MHz/Node

**Air or Liquid or Submerged Cooling**

UP TO **205W**



## RS620Q FEATURES

2U 4 Nodes High Density Server

8 Intel Xeon Scalable (**205W TDP**)

Chassis Management Monitoring

Intel® Optane™ Persistent Memory Ready

**Air or Liquid or Submerged Cooling**



## ORION HF – THE **AOT** DIFFERENCE

CIARA AOT

Intel Turbo Technology

Intel Base Frequency

### CIARA **A**CCCELERATION AND **O**PTIMIZATION **T**ECHNOLOGY (**AOT**)

- Processor Acceleration on all cores
- Up to **66%** more performance straight out of the box
- Custom **HFT BIOS** (low jitter/interrupt and predictable speed)
- **Factory or On-site** workload profiling for increased performance
- CPU & Memory screening ensure performance consistency