

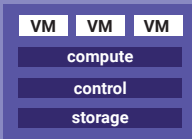


# STARLINGX

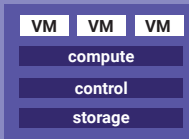
StarlingX is a complete Cloud infrastructure software stack for the Edge used by the most demanding applications in industrial IOT, telecom and other use cases.

## Scalability for the Edge

### Single Server

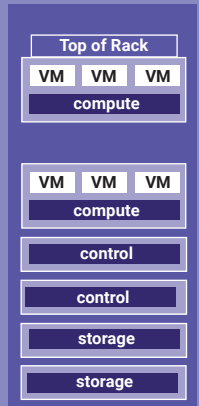


### Dual Server



**1:1 protected  
pair of servers**

### Multiple Server



Rather than reference platforms and gap definition for Edge use cases, StarlingX provides a deployment-ready, scalable and highly reliable infrastructure software platform to build mission critical Edge clouds. Tested and released as a complete stack, StarlingX ensures compatibility among diverse open source components. Its unique project components provide fault management and service management among others to ensure high availability of user applications.



Based on mature production software deployed in mission critical applications, newly open sourced StarlingX code is the base for Edge implementation in scalable solutions that can be productized now.

## A Fully Featured Cloud for the Distributed Edge



### OPENSTACK COMPONENTS

OPENSTACK\*

CINDER	IRONIC	MAGNUM	HORIZON	SWIFT-API	MURANO
NOVA	KEYSTONE	NEUTRON	GLANCE	HEAT	TELEMETRY



### NEW STARLINGX SERVICES

CONFIGURATION MANAGEMENT

FAULT MANAGEMENT

SOFTWARE MANAGEMENT

HOST MANAGEMENT

SERVICE MANAGEMENT

INFRASTRUCTURE  
ORCHESTRATION

### SOME OF THE OPEN SOURCE BUILDING BLOCKS USED BY STARLINGX



kubernetes

ceph

Collectd



OVS

DPDK

SR-IOV

CentOS

The StarlingX design team has optimized the solution for security, ultra-low latency, extremely high service uptime, and streamlined operation. We invite you to download, build, install and test the StarlingX platform for 24/7 operation of mission critical IOT applications.

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