OnX Integration Center

OVERVIEW

OnX offers Integration Center services ranging from hardware integration verification to complete system builds or POC hosting. This allows for testing and configuration prior to shipment. It also allows for streamlined onsite installation (less boxes, less downtime and "safe" window usage) providing a plug and play type approach.

- New Product Integration and Staging
  - o Verification and correction of built to order systems
  - o Diagnostics/DOA testing and correction
    - Device labeling / Asset tagging
    - Power On Self-Test ("POST") to minimize chance of failures upon delivery
  - o Physical installation (rack & stack)
    - Customized hardware component Integration, including standardized card placement, add on components, and upgrades.
    - Installation of components into racks
    - Intra-rack cabling and labeling
  - o Integration and/or configuration of newly purchased solutions prior to shipment to shipment to our customers
    - System Configuration (hardware, patches, software, OS platform)
      - ILO / Management IP configuration to allow for remote connectivity upon installation onsite
      - Firmware upgrade
      - Operating System installation
- Full Turn Key Integration including items above plus additional customization based on customer requirements
- VPN or onsite access to equipment for customer to perform testing, additional configuration and sign-off of system
- Documentation including as-built reports, cabling diagrams, and connectivity guides for onsite installation
- Follow on - Onsite installation / verification/ acceptance
- POC/Demo hosting capability to verify enhancements prior to production implementation
  - o Replicate production environment to allow for changes and testing in a safe environment without production "restrictions"
  - o Allows for Quality Assurance and Risk planning while maximizing time vs. effort
- Warehousing / Consolidating Shipments
  - o Receive and hold inventory in our warehouse to be shipped as needed to our customer
  - o Consolidate orders from multiple vendors to be packaged and delivered at once

ONX APPROACH

- Requirements analysis
  - o Review scope and solution to resolve open questions or issues prior to equipment procurement
    - Hardware components (switches, servers, storage)
    - Software (operating systems, applications)
    - Additional requirements (connectivity speeds, VPN access)
    - Environmental requirements:
      - Datacenter standards and requirements
      - Inventory and warehouse requirements
    - Configuration requirements:
      - Standalone or virtualized infrastructure required

OnX Professional Services

OnX Integration Center Solution Brief v2.1

- Network
- Storage
- Firmware
- Operating System(s), Patch Levels
- Application version(s)
- Application specific requirements
  - o Review requirements and goals for test and production environments
  - o Review staffing requirements (OnX and customer participants)
  - o Develop lab requirements:
    - Requirements as defined above
    - Lab build specifications
    - Test Plan(s)
    - Estimated duration
- Define overall project plan / timeline
- Throughout the process, the OnX Project Manager will provide recurring status updates and track progress

RELATED SERVICES

- Onsite installation / Integration
  - o OnX Integration Center level services performed onsite in customer environment
- Relocation Services
  - o Pre-Move planning assistance for systems
  - o Maintaining hardware warranties
  - o Consolidation multiple manufacturers requirements and needs under one relocation plan
- Performance Analysis and Assessments for:
  - o Applications
  - o Storage
  - o Hosts
  - o Network

PROJECT MANAGEMENT

OnX includes project management as part of all projects to manage the overall project team, create and maintain the project plan, communicate status on a recurring basis and facilitate escalations as needed. This helps to minimize risks and ensure timely and successful service delivery. Additionally, OnX maintains a knowledgebase of "lessons learned" comprised of feedback from all service deliveries to help prevent unforeseen delays and other impact on the project.

WHY ONX?

- Our experience designing and integrating enterprise data center solutions gives our clients access to skills and expertise beyond their in-house IT teams and traditional resellers.

- OnX's industry certifications across a broad selection of best-in-class IT manufacturers and technologies gives us access to information, tools, techniques, and enablement beyond those available to in-house IT teams.

- Our proven success delivering ~900 projects annually.

- We utilize Industry, OEM, and OnX Best Practices and capture and apply lessons learned to reduce client risk.

- OnX methodology and project management applied to all projects.