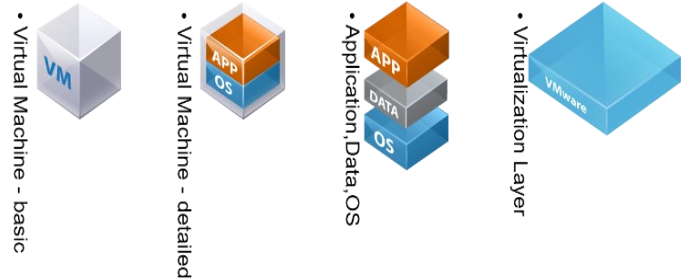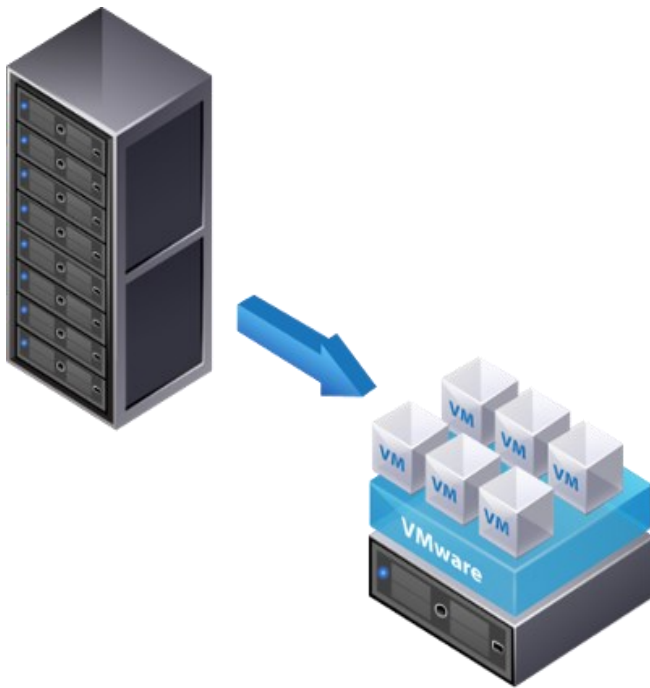# SCADA Virtualisation Services

Virtualisation

SCADA virtualisation done correctly can dramatically reduce downtime and maintenance of a SCADA system. This offer provides a highly qualified team to help you manage the transition from physical to virtual servers and clients, or to upgrade an existing virtualised system.

- Virtual Machine - basic
- Virtual Machine - detailed
- Application,Data,OS
- Virtualization Layer

Documentation

Documentation of a virtualised SCADA system is the key to a successful project. Good documentation makes long term maintenance and upkeep simpler and cheaper. The following documentation will be provided as part of this offer:

- SCADA software licensing support contract information
- SCADA, Windows, VMWare, and generic software licensing roles
- Server roles, generic software, and SCADA software installed per guest (virtual computer)
- Virtual server specification criteria
- Domain Active Directory (security) specification (Domain Local, Global Groups, example users/comptuers, organizational units, etc.)
- SCADA security matrix specification
- Bill of materials
- Installation map
- Network drawings (Visio)
- Subnet and IP address specification and list
- Firewall rules specification

SCADA Virtualisation Services

Common Challenges

SCADA virtualisation can be challenging for both a SCADA team, and an IT/IS team if it their first time interacting on a large scale. This is typically because the two teams have different missions. This offer includes SCADA engineers trained on both SCADA and IT/IS aspects of virtualised systems. We enjoy bringing together SCADA and IT/IS teams to create great systems that meet stakeholder requirements.

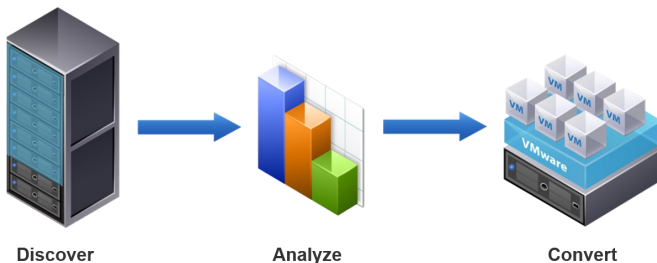**Discover**   **Analyze**   **Convert**

Qualifications

Successful SCADA virtualisation projects require knowledge of multiple technologies. Below is a list of some of the different areas of expertise required:

- VMware training and certifications
- Wonderware/CitectSCADA training and certifications
- Networking training and certifications
- Site specific training and requirements

This offer includes people with the skillset listed above, and a desire to understand your SCADA and IT/IS needs and requirements. Each client has specific requirements that our team will learn and incorporate into the design.

VMWare Icons and Diagrams

This document was created using the official VMware icon and diagram library. Copyright © 2012 VMware, Inc. All rights reserved. This product is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents. VMware does not endorse or make any representations about third party information included in this document, nor does the inclusion of any VMware icon or diagram in this document imply such an endorsement