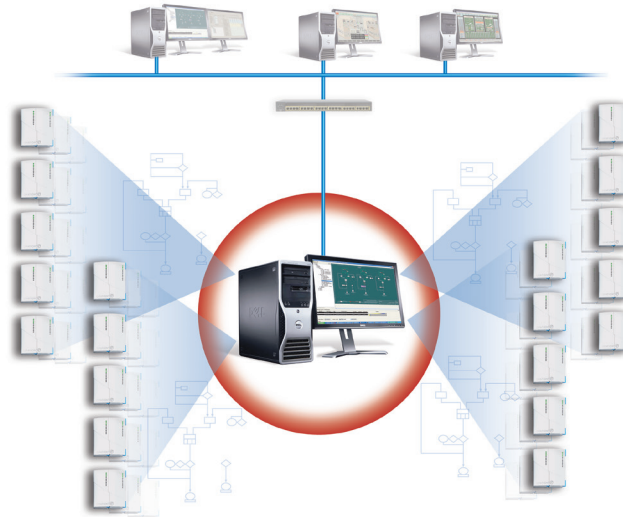


## Using Virtual Technology



### Your Requirements:

- Platform familiarity for your staff
- Small footprint to fit into a limited space
- Portable between different plant locations

### The Best Solution:

Ovation™ Simulation using innovative virtual technology replicates traditional control system controllers using a few desktop workstations.

Actual DCS controllers are replaced with controller software embedded in Microsoft® Windows®-based workstations. Implementing an Ovation simulation solution with virtual technology executes the control logic, algorithms and control timing directly in the Windows operating system environment, leaving the controller code undisturbed. Virtual controllers incorporate all of the functionality of the actual control system controller package.

Ovation virtual architectures are available as single workstations containing multiple virtual controllers and a combination of operator, engineering and database functions or in a networked configuration with functions spread across several workstations. Up to 20<sup>1</sup> controllers can be virtually duplicated in a single workstation, making Ovation Simulation a powerful and portable training tool for use throughout your facility.

### Benefits

- Minimizes hardware costs
- Executes control logic, algorithms and control timing in the workstation, keeping the original controller code intact
- Provides a smaller system footprint to fit into training areas with limited space
- Offers a portable configuration that can easily be moved to anywhere in the plant
- Uses well-known desktop systems that are similar to your control room workstations

<sup>1</sup>The maximum number of virtual controllers per host is 20, but the recommended limit for maximum performance is 10.

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