

ESPC ENTERPRISE IT ARCHITECTURE APPROACH

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ESPC Enterprise Architecture

- ▣ Current Data Center issues:
 - Rack space, power and cooling are at a premium.
 - Server Sprawl.
 - Servers Life cycle replacement.
 - Server under utilization.
 - Possible Solutions:
 - ▣ Buy more servers.
 - ▣ Replace everything with Blade Servers.
 - ▣ Virtualization.

ESPC Enterprise Architecture

- ▣ Current Application issues:
 - Primary, backup, test and possibly development instances of the application.
 - One application per physical host.
 - Each application that is delivered is configured differently.
 - Hard for the O&M staff to maintain several stove piped systems.
 - Possible Solutions:
 - ▣ Put more than one application on each server.
 - ▣ Shared compute resources (Compute, File System).
 - ▣ Virtualization.