

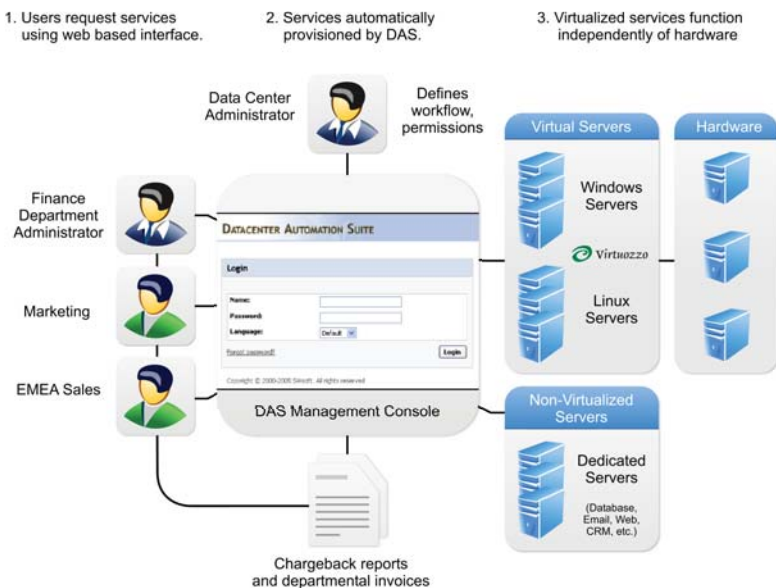
# SWsoft Datacenter Automation Suite

## Manage Datacenter Resources More Efficiently

Automate provisioning, reporting, and management functions

The SWsoft Datacenter Automation Suite (DAS) delivers a centralized portal for the delivery and management of IT services. Departments can order services from an intranet website and have them instantly provisioned from a shared pool of available resources. After the initial delivery, managers use a web-based console to configure and maintain the services.

All resources and applications can be tracked to individual users and departments, so costs can be assigned to the appropriate business unit.



The diagram above shows that the DAS management console can be used to manage both virtualized and non-virtualized servers.

## Improve Enterprise Service Delivery

- **Increase Server Utilization**  
80% of enterprise data is isolated on servers suffering from low utilization and management issues (source: ESG Consulting). Using DAS in combination with Virtuozzo, enterprises can consolidate servers and improve server utilization.
- **Lower Support Costs**  
On average 80% of datacenter budgets are allocated to support costs (source: Boardroom Minutes, Sun Microsystems). A DAS enabled datacenter automates common operational processes and reduces costs associated with patch management, disaster recovery, and server maintenance. A single administrator can manage hundreds of virtual and physical servers when assisted by DAS.
- **Improve Resource Accounting**  
Few datacenters can dynamically track installed hardware and software assets. DAS provides a centralized console which can assign and track resources and charge them back to the appropriate individual or department.

## Virtualization + Management

Get the most from your virtualized solution by automating provisioning, reporting, and management. DAS provides a single integrated system so you can:

- **Order** – an online ordering system enforces business policies for resource allocation.
- **Provision** – automated processes deliver services on bare-metal servers and virtual servers 24 hours a day, 7 days a week.
- **Maintain** – the web-based management console allows company administrators, departmental managers, and application managers to request and configure services.
- **Report** – the reporting and charge-back system allocates costs to specific departments or projects.

## DAS Benefits

<b>Cost efficiency</b>	Using DAS, each administrator can manage many more servers and virtual servers.
<b>Operations quality and consistency</b>	DAS provides a centralized environment for eliminating inconsistencies with software deployment across the enterprise.
<b>Resource administration</b>	DAS provides global visibility into server resources across datacenters.
<b>Agility and responsiveness</b>	User initiated online ordering and automated provisioning reduce deployment times by hours or days. The result is faster service delivery and application configuration.
<b>Disaster recovery</b>	DAS can be used in conjunction with Virtuozzo to deliver scheduled backups for critical data.

## Supported Services

Users are provided a single login to manage deployments of both Windows and Linux based applications from a single management console. DAS allows users to manage servers as well as common enterprise applications. DAS includes a well documented API for adding applications and functionality that is specific to a given enterprise.

# SWsoft Datacenter Automation Suite

## Multi-Tiered Resource Allocation

The SWsoft Datacenter Automation Suite supports your enterprise business policies by providing a multi-tiered layer of management.

### Sample Enterprise Roles

Enterprises have the flexibility to assign management and financial responsibilities to the appropriate people within their organization. The solution can be re-branded for subsidiaries.

- **Datacenter Administrator** - The administrator implements new hardware and sets/enforces business policies. DAS helps administrators bring hardware online and allocate resources to appropriate levels within the enterprise.
- **Departmental Manager** - DAS supports multiple layers of management. Each departmental manager can represent a different department, group, or entire subsidiary. The hardware administrator can allocate full control or partial control of resources to the departmental managers.
- **Solution Administrator** - This role can order and configure services for specific users within the enterprise. The Solution Administrator can request and configure email mailboxes, IP addresses, collaboration tools, or specific applications on behalf of individual users.

### SWsoft Customization Services

SWsoft has hundreds of person-years of experience delivering solutions to customers. Our experts can help with customization, installation, integration, and migration of users.

## Deployed Throughout the World

DAS and Virtuozzo serve the needs of demanding datacenters.



arvato mobile, a leading mobile entertainment provider, utilized SWsoft to deploy an automation and virtualization solution. SWsoft helped arvato replace open source software held together with a series of scripts with a single, integrated management console.



Web.com utilized DAS to consolidate services on a single integrated platform. SWsoft helped migrate thousands of users from several different platforms in order to reduce the cost and complexity of Web.com's automation solution.



Data393 utilized the DAS documentation and software development kit (SDK) to migrate a majority of their existing users to a single platform and reduce the cost of servicing their customer base.

## Before deploying a virtualization solution, consider the following:

- How fast and easy is your deployment process? Can users order and configure services online, or do they contact a centralized administrator and wait for a response?
- What is your total cost of ownership? How many phone calls could be avoided by providing users access to a user-friendly control panel? How many processes can you automate?
- Are departments and products aware of the cost of their network services? Can you create resource reports for specific users and departments?
- Can you track software licenses and IP addresses inside a centralized tracking system?
- How does your system respond to hardware failures? Do you have a centralized monitoring facility with an automated fail-over process?
- Are your security patches applied uniformly throughout your enterprise? Do you have a centralized location with this information?

## About SWsoft

SWsoft is a recognized leader in server automation and virtualization software. More than 10,000 customers in over 100 countries rely on SWsoft solutions to power their business. SWsoft is growing at more than 150% per year and is funded by Bessemer Venture Partners, Intel Capital, and Insight Venture Partners.



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