

Conventional Outsourcing

To ensure isolation, scalability, and flexibility, conventional deployments require a dedicated physical server for each application. As a result, ISPs must absorb considerable up-front provisioning costs, in advance of revenue.

ServerCity + AppCity

ServerCity virtual servers eliminate the need for dedicated physical servers, while ensuring isolation, scalability, and flexibility. With AppCity, ISPs can install, activate, and bill customers for fully-featured application suites with minimum up-front provisioning costs.

VIRTUAL SERVER

One Box Many Servers	A single physical machine can be partitioned into multiple virtual servers.
On-demand Scalability	Dynamically create, configure, resize, remove or relocate virtual servers.
Binary Compatibility	AppCity supports mixed applications.

VIRTUAL SERVER ISOLATION

Performance	Isolation based on max-min fair-share allocation of CPU, memory, storage and network bandwidth.
Functional	End customers have their own application and server configuration.
IP Address	Each virtual server has a unique IP address.
Fault/Error	Complete isolation from other virtual servers, in the event of application errors or mis-configuration.

OPERATIONS, ADMINISTRATION AND MAINTENANCE CONSOLE (OA&M)

Graphical User Interface	Drag and drop creation of virtual servers, services, and customers.
Single Point of Control	Each OA&M console interacts with all controllers.
Role-based User Access	GUI supports User/Administrator/SuperUser control levels.
Telnet Interface	Command-line interface for power users

SERVICE AND SUBSCRIBER MANAGEMENT SYSTEM (SSMS)

Common Repository	Stores customer configuration and logging information.
Automatic Logging	Monitors usage and events for virtual servers, services, and subscribers.
Failure Recovery	Restore state and configuration of failed server.

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AppCity

Application Suites for ServerCity

AppCity is a set of application suites for ServerCity.

With ServerCity, AppCity allows ISPs to quickly deploy popular off-the-shelf applications from proven companies, as well as custom applications.

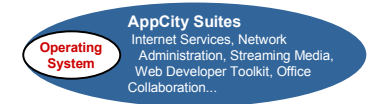
Simple To Install

AppCity application suites enable click-and-drag installations of multiple applications on ServerCity virtual servers.

Staying current with the latest application releases is easy, because AppCity application suites always feature the most current version of each application.

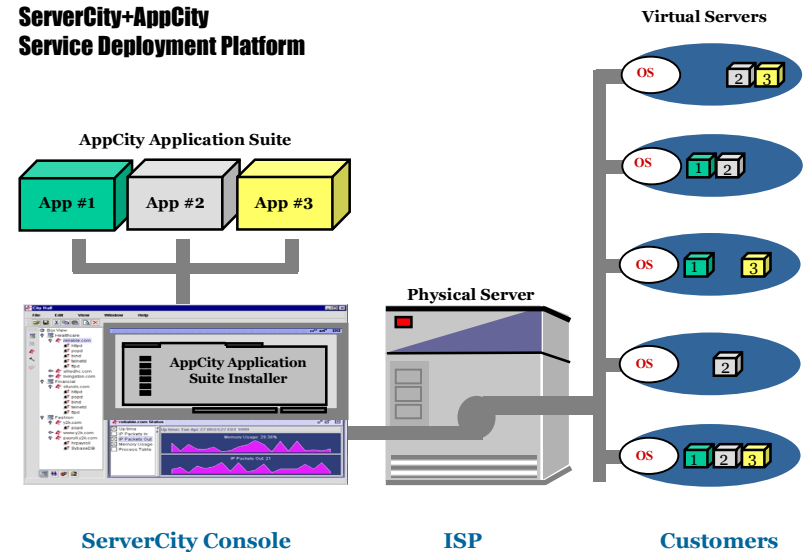
Single Point of Control

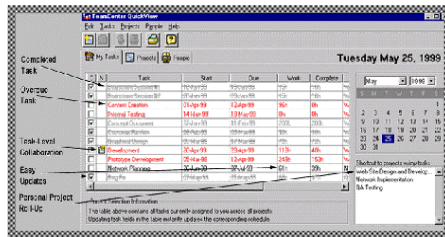
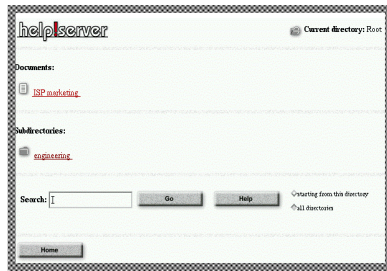
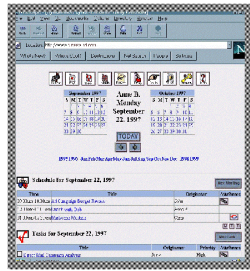
All AppCity applications are installed using the ServerCity Operations, Administration and Maintenance (OA&M) console, which is a single point-of-control for all ServerCity virtual servers, applications, users and service subscribers.



AppCity application suites are optimized for ServerCity virtual servers, and use standard installation scripts.

ServerCity+AppCity Service Deployment Platform



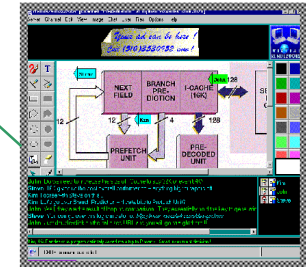
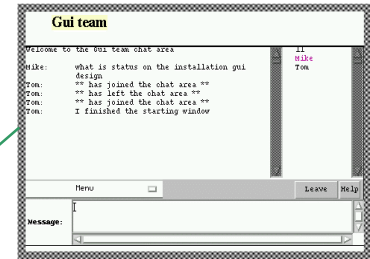


AppCity Suite: Office Collaboration

General Applications Register

Select Install	Category / Company	Memory Required	Storage Required
<input checked="" type="checkbox"/>	Calendar & Scheduler	2 Mb	3 Mb
<input checked="" type="checkbox"/>	Chat	2 Mb	5 Mb
<input checked="" type="checkbox"/>	Documentation Management	2 Mb	5 Mb
<input checked="" type="checkbox"/>	Forum	64 Mb	150 Mb
<input checked="" type="checkbox"/>	Project Management	32 Mb	20 Mb
<input checked="" type="checkbox"/>	Team Collaboration	16 Mb	10 Mb
<input type="checkbox"/>	Time Card	n/a	n/a
<input type="checkbox"/>	Directory	n/a	n/a
<input type="checkbox"/>	All-in-One Messaging	n/a	n/a
Total Required		118 Mb	193 Mb
Total Available		128 Mb	577 Mb

Install Selected Applications **Cancel**



Basic Services

Customers get the services they really want.

- Web Server
- Web Statistics
- FTP Secure/Anonymous
- POP/IMAP/Sendmail
- DNS
- DHCP
- Telnet
- Customer Control Panel
- Database
- Voice/Fax Services

Network Administration

Determine network status.

- Ifconfig
- Ping
- Traceroute
- Service Level Monitoring
- Web Content Filtering

Streaming

Audio, video and games.

- Video Server
- Audio Server
- Multiplayer Game Server
- Conferencing

Web Developer Toolkit

Advanced development tools.

- Perl
- Python
- Vi
- Gcc
- XML
- Java

Office Collaboration

Access information worldwide.

- Calendar & Scheduling
- Chat / Forum
- Documentation Management
- Project Management
- Team Collaboration
- Time Card
- Directory
- All-in-One Messaging

Note: AppCity is continually being updated with new applications. Please contact Ensim, to learn more about AppCity, or visit our web site at www.ensim.com.