

## BUILT-IN SUPPORT FOR LARGE USER POPULATIONS AND HIGH TRANSACTION VOLUMES



## AGENTRY MOBILE PLATFORM: PERFORMANCE AND SCALABILITY

Syclo's Agentry platform powers hundreds of large, diverse mobile deployments around the world. From processing 10,000+ transactions per day to working with thousands of complex records in real time, Agentry has to pull a lot of weight for our clients. Gladly, it was engineered with high workloads and scalability in mind — so you can always count on your Syclo mobile solution to keep pace with your work.

### SERVER SCALABILITY

The Agentry Server is the brain of your mobile solution, handling everything from backend system communication to end-user experience. To help it run smoothly and scale easily, Syclo made Agentry Server software compatible with a wide range of hardware and operating systems, including:

- 32- and 64-bit Windows Server 2003
- 32- and 64-bit Windows Server 2008
- Solaris 10, x86\_64
- 64-bit SUSE Linux Enterprise Server 10
- 64-bit Redhat Linux 5.2
- 64-bit AIX Unix

Powerful 64-bit systems lack many memory and processing power limitations of their 32-bit counterparts, making them the ideal choice for large, mission-critical deployments.

### VIRTUALIZATION SUPPORT

Your Agentry Server can run on its own server or in a virtual environment. This lets you scale or deploy your mobile projects without the expense of dedicated hardware. You can even set up multiple virtual machines behind a load balancer as a cost-effective way to achieve greater business continuity and server utilization.

### EFFICIENT SERVER UTILIZATION

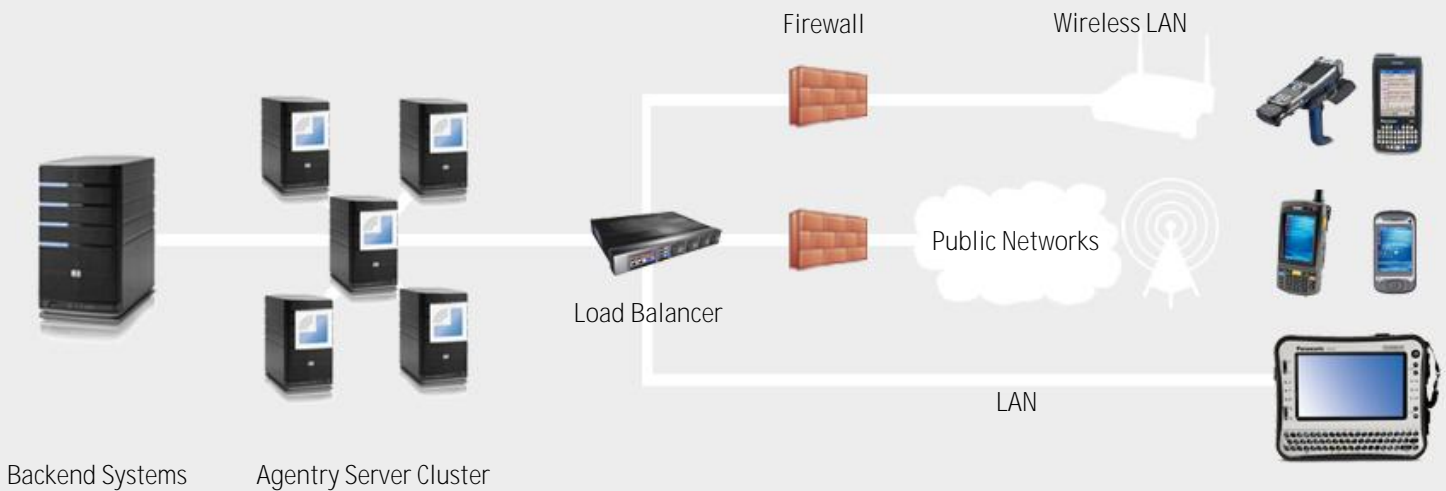
Although it can run on powerful enterprise servers, Agentry is very frugal in its use of computing resources. Unlike thin-client solutions that rely on remote application servers to power everything from the user interface to complex business logic, Agentry shifts much of the workload to the mobile device.

The result is that the Agentry Server has to handle information exchange rather than information processing — allowing less powerful hardware to handle large numbers of users.

### LEAN, HIGH-PERFORMANCE INTEGRATION

Syclo designed Agentry as a service-oriented architecture that acts as a pure intermediary between your enterprise software and mobile devices. It uses your backend system vendors' technology and open database access tools to post and retrieve data from your systems with no sluggish and hard-to-scale databases in between. Agentry's data reduction mechanisms then ensure that the bare minimum of data is synchronized by transmitting only the changes in data — and only those that are relevant to the individual user.

The result? Fast synchronization times, quick on-device performance and great user and data throughput scalability.



## ACHIEVE SCALABILITY THROUGH SERVER CLUSTERING

When business continuity needs are high and capacity requirements are unpredictable, a single Agentry Server may not cut it. Syclo offers full support for server clustering, allowing you to deploy several Agentry Server instances for load balancing and fail-over purposes. With a server cluster in place, your mobile devices have a single server name to connect to, and network traffic is routed to the desired Agentry Server via a load balancer.

You can easily manage your server clusters from the Administration Console, which lets you access information and modify settings on individual machines or entire server farms.

## ADD USERS AT A CLICK OF A MOUSE

As the value of mobile technology permeates throughout your organization, scaling your solution to include more users and processes will become an important consideration. Agentry's comprehensive mobile device management functionality lets you add users without so much as touching the mobile device. By using deployment profiles that contain all settings and software necessary for the particular user group, you can easily stage and continuously manage new devices from thousands of miles away.

Agentry also fully supports security services like LDAP and Active directory, making it easy to provision new users and letting them access many enterprise systems with a single sign-on.



**Syclo LLC**  
 1721 Moon Lake Boulevard | Suite 300  
 Hoffman Estates, IL 60169  
 800.567.9256 toll free | info@syclo.com  
 www.syclo.com

Syclo International Limited | Europe, Middle East & Africa  
 Fetcham Park House, Lower Road, Fetcham,  
 Leatherhead, Surrey, KT22 9HD, United Kingdom  
 +44 (0) 1372 371031 phone | +44 (0) 1372 371032 fax