

# What's New in ArcLogistics™ Route 3

*Scheduled Release Date: Summer 2001*



## Solver

### Priority

Orders can have high or normal priority. Priority affects which orders get routed in situations where routing all orders appears impossible. ArcLogistics™ Route always tries to route all orders, but in situations where this cannot be done, high priority orders will get routed at the expense of normal priority orders.

### Hard Time Window Routing Folders

Routing folders can be set to treat all time windows in the folder as “hard” or “soft.” Soft time windows can be violated at a penalty controlled by the Time Windows Importance slider. ArcLogistics Route will try to minimize a combination of monetary cost and total time window violation minutes. Hard time windows will not be violated.

### Second Time Window

Orders can have a second time window for service. This window will only be active in routing folders treating time windows as hard. Enter the second time window just like the first.

### Grace Periods

Grace periods specify how long before the start or after the end of its time windows an order can be serviced and still be considered “on time.” If an order is serviced within the grace period, ArcLogistics Route will not consider it as violated. Separate early and late grace periods can be set for individual or groups of orders.

### Default Order Properties

Default service times; time windows; grace periods; and weight, volume, and custom capacities for all new orders can be set in the new Set Defaults dialog. These defaults apply to imported and entered orders.

### Second Day—Past Midnight

Order time windows, vehicle start and lunch times, and location operating hours can all be set to Day 2. Day 2 begins after midnight of the “current” day for a routing folder. With Day 2, you can specify an order’s time window to be 11:00 p.m. (Day 1) to 2:00 a.m. (Day 2). You can also have night routes that start at 7:00 p.m. (Day 1) and finish at their end location at 3:00 a.m. (Day 2).

### Maximum Drive Hours

You can limit the number of hours a driver spends traveling, in addition to setting a limit on the total number of hours spent on all activities. This feature may be useful in complying with state and federal hours of service regulations.

## Application Framework

### Support for Multibyte Languages

The user interface and map labeling have been upgraded to support multibyte languages.

### Enhanced Tool Tips

Additional information about orders has been added to Map View and Time View tool tips.

### Scale Bars

A scale bar has been added to the Map View, the report maps, and the exported maps.

### Find All

The Find orders dialog has been enhanced with a Find All button. Find All is enabled when the search is limited to a single routing folder or to the Orders Inbox. Find All will select all orders in the folder that contain the search text.



### Corporate

ESRI  
380 New York Street  
Redlands, California  
92373-8100, USA

For more information, call  
your local reseller or ESRI at

**1-800-447-9778**  
(1-800-GIS-XPRT)

Send e-mail inquiries to  
**info@esri.com**

Visit ESRI's Web page at  
**www.esri.com**

### Seagate Crystal Reports 8.0—Run-Time Files

ArcLogistics Route 3 includes an upgrade from Seagate Crystal Reports Version 7.0 to Version 8.0. The full Designer install is not available at Beta 1.