

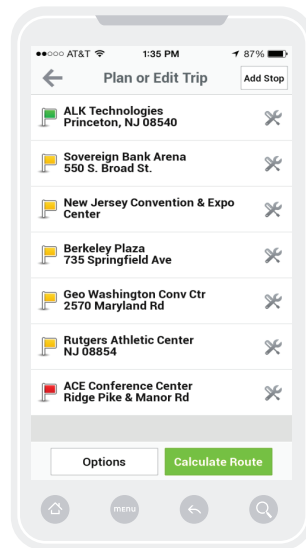
# COPILOT® PROFESSIONAL

## Advanced Route Optimization and Real Time Windows

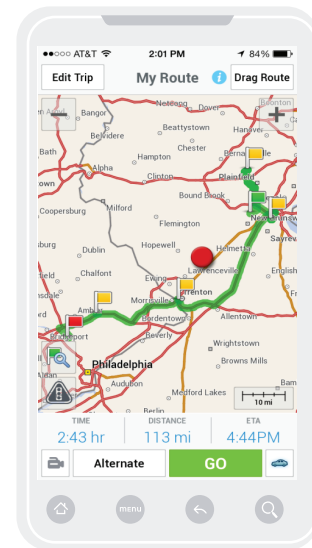
Arriving onsite within a specific, customer convenient, time window guarantees improved customer satisfaction and enhances overall company efficiency.

LOCATION	DELIVERY DAY	FC	LOCATION	DELIVERY DAY	FC	LOCATION	DELIVERY DAY	FC
ALBANY	WED/FRI		FERRISLE, WA	MONDAY	FCL	OREGON CITY	TUE/THU	FCL
ALVING	THURS		FLEISCHER, WA	NO DELV		PRESTON	WED/FRI	FCL
ALWACRE	WED/FRI		FOREST GROVE	THURS		PLEASANT HILL	WED/FRI	FCL
AMET	MONDAY		FOZDICE	THURS		RYANVILLE, WA	MONDAY	FCL
ASHLAND	FAR SOUTH	FCL	GASTON	THURS		RYANVILLE, WA	MONDAY	FCL
BARNDALE	WED/FRI		GLASSTONE	TUE/THU		RYANVILLE, WA	MONDAY	FCL
BARNIA	WED/FRI		GRANDVIEW	FAR SOUTH	FCL	RYANVILLE, WA	MONDAY	FCL
BATTLEGROUND	THURS		GRANDVIEW	FAR SOUTH	FCL	RYANVILLE, WA	MONDAY	FCL
BEAVERTON	THURS		HAPPY VALLEY	TUE/THU		RYANVILLE, WA	MONDAY	FCL
BONING	WED/FRI		HAPPY VALLEY	TUE/THU		RYANVILLE, WA	MONDAY	FCL
BROOKINGS	NO DELV		HILLSDALE	THURS		RYANVILLE, WA	MONDAY	FCL
BURBANK	THURS		INDEPENDENCE	MONDAY		RYANVILLE, WA	MONDAY	FCL
CAMA VALLEY	WED/FRI		JACKSON, WA	MONDAY	FCL	RYANVILLE, WA	MONDAY	FCL
CARLTON	MONDAY		JACKSONVILLE	FAR SOUTH	FCL	RYANVILLE, WA	MONDAY	FCL
CHIEF JUNCTION	FAR SOUTH	FCL	JACKSONVILLE	FAR SOUTH	FCL	RYANVILLE, WA	MONDAY	FCL
CENTRAL POINT	FAR SOUTH	FCL	JACKSONVILLE	FAR SOUTH	FCL	RYANVILLE, WA	MONDAY	FCL
CHENING, WA	MONDAY		JACKSONVILLE	FAR SOUTH	FCL	RYANVILLE, WA	MONDAY	FCL
CLATSkanie	MONDAY		KEIZER	WED/FRI		RYANVILLE, WA	MONDAY	FCL
CLATSkanie	MONDAY		KEIZER	WED/FRI		RYANVILLE, WA	MONDAY	FCL
COBETT	TUE/THU		LAFAYETTE	MONDAY		RYANVILLE, WA	MONDAY	FCL
COCKBURN	WED/FRI		LAFAYETTE	MONDAY		RYANVILLE, WA	MONDAY	FCL
CORVALLIS	THURS		LA PINE	CENTRAL	FCL	RYANVILLE, WA	MONDAY	FCL
COTTAGE GROVE	FAR SOUTH	FCL	LARSON	NO DELV		RYANVILLE, WA	MONDAY	FCL
CORVALLIS	WED/FRI		LEBANON	WED/FRI		RYANVILLE, WA	MONDAY	FCL
DUMMEL	WED/FRI		LEBANON	WED/FRI		RYANVILLE, WA	MONDAY	FCL
DALLAS	MONDAY		LOMBEL	WED/FRI		RYANVILLE, WA	MONDAY	FCL
DANVILLE	TUE/THU		MARIONVILLE	MONDAY		RYANVILLE, WA	MONDAY	FCL
DAVIS CREEK	FAR SOUTH	FCL	MARIONVILLE	MONDAY		RYANVILLE, WA	MONDAY	FCL
DAVIS CREEK	WED/FRI		MARIONVILLE	MONDAY		RYANVILLE, WA	MONDAY	FCL
DEL MONTE, WA	MONDAY		MELBAKE	TUE/THU		RYANVILLE, WA	MONDAY	FCL
DEL MONTE, WA	MONDAY		MELBAKE	TUE/THU		RYANVILLE, WA	MONDAY	FCL
DUNDEE	MONDAY		MONMOUTH	MONDAY		RYANVILLE, WA	MONDAY	FCL
DUNDEE	TUE/THU		MONMOUTH	MONDAY		RYANVILLE, WA	MONDAY	FCL
EAGLE POINT	FAR SOUTH	FCL	MT ANGEL	WED/FRI		RYANVILLE, WA	MONDAY	FCL
EAST PORTLAND	TUE/THU		WHITE CREEK	FAR SOUTH	FCL	RYANVILLE, WA	MONDAY	FCL
EAST SALIN	WED/FRI		WHEAT CREEK	MONDAY		RYANVILLE, WA	MONDAY	FCL
ELMVIEW	WED/FRI		WHEAT CREEK	MONDAY		RYANVILLE, WA	MONDAY	FCL
ESTACADA	TUE/THU		NEW PORTLAND	THURS		RYANVILLE, WA	MONDAY	FCL
FERBER	WED/FRI		SHILOH	FAR SOUTH	FCL	RYANVILLE, WA	MONDAY	FCL
FRINGELA	EVERY OTHER THURSDAY		EVERY OTHER THURSDAY	FCL		RYANVILLE, WA	MONDAY	FCL
FAR SOUTH	EVERY OTHER THURSDAY		EVERY OTHER THURSDAY	FCL		RYANVILLE, WA	MONDAY	FCL
CENTRAL	NO TUESDAY OF EVERY MONTH		EVERY OTHER THURSDAY	FCL		RYANVILLE, WA	MONDAY	FCL
ELMVIEW - NORTH	MONDAY		EVERY OTHER THURSDAY	FCL		RYANVILLE, WA	MONDAY	FCL
OUT OF DELIVERY AREA: EAST OF HUNTERDALE, WEST OF BAKES, EAST OF TROBRIAN, HORNAY & KLANATH FALLS, OREGON AND WASHINGTON COASTS			EVERY OTHER THURSDAY	FCL		RYANVILLE, WA	MONDAY	FCL

Delivery schedule sent from back office application to CoPilot Professional.



CoPilot Professional optimizes the stops to meet any existing time windows/SLAs.



New optimized route and accurate ETAs used to produce precise time windows for customers.

By combining CoPilot Professional's routing algorithms with the preferences and pre-defined Service Level Agreements (SLAs) stored in back office planning systems, organizations have the ability to accurately schedule a mobile worker to arrive at a location to perform work within a specified time window. This precise timing can then be shared with the end customer.

## Business Benefits

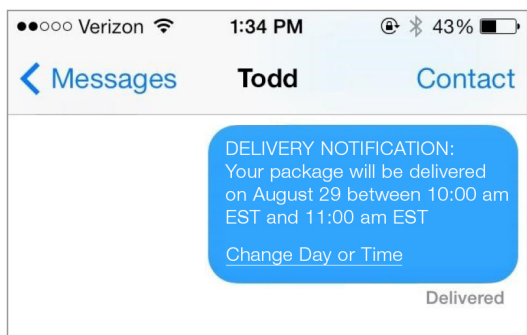
- **Improve first-time delivery success**
- **Generate smaller, accurate time windows** for greater customer convenience
- **Improve driver productivity** with the possibility of servicing more appointments or deliveries/pickups per shift
- **Increase field worker confidence and adoption** with a winning combination of technology and local knowledge
- **Reduce driver training time** for new and agency drivers

## Generate Accurate Time Windows

CoPilot Professional takes a worker's schedule of up to 250 stops from a back office planning or mobile job management application and optimizes the route on the mobile worker's handheld device. This removes the need to manually plan driving itineraries. The route is compared against any SLAs in place and revised, as required, in order to satisfy them.

If a company chooses, the option for a mobile worker to reorder stops based on their local knowledge is available.

Once the route is finalized, other employees and end customers can be notified by text or email via the back office application of the specific time window in which the mobile worker will arrive.



## Keep Customers Informed

While on the road, factors such as current location and ETA to the next appointment can be retrieved from CoPilot Professional on the driver's device and used to inform customers of any potential delay.

### Features

- Groups stops in a logical order to speed-up the process of optimization on the handheld device and maximize the number of achievable deliveries
- Uses road distances as opposed to a straight line between delivery points to calculate the route
- Takes SLAs and time restricted windows into account when route planning
- Experienced drivers can be empowered with the ability to adjust stop order prior to finalizing the route
- Facility to factor in driver break time and wait times, to improve the accuracy of customer ETAs
- Links seamlessly with mobile workflow and back office planning applications

Advanced Route Optimization is an additional module available for the CoPilot Professional SDK.

For further information on the route optimization capabilities of CoPilot Professional, contact [busdev@alk.com](mailto:busdev@alk.com), or visit [copilotgps.com/pro](http://copilotgps.com/pro)