

Aptean Routing & Scheduling
Paragon Edition

Route Execution

**Delivering visibility and control for
transportation operations**



Ready for What's Next, Now™



The challenge of executing the transportation plan

Route execution software can reduce fleet operation costs, improve on-time performance, enhance customer satisfaction and even make drivers happier. But these results are only achievable if the transportation plan is followed closely.

An accurate and robust plan starts to unravel if the transportation team edits the plan to accommodate individual drivers' availability.

It then unravels further if drivers and customers deviate from expected routes or unloading times. Once this happens, the expected efficiencies will be lost.

How can you ensure all of those excellent route planning benefits are realized?

By using Aptean Route Execution software to improve the real-time execution of your plan.



HQ – Transportation

Real-time alerting and plan vs actual reporting maintains efficiency of the plan.



HQ – Customer Services

Real-time statuses keep customer services informed with imminent arrival notification for customers.



Vehicles

Monitors driver performance to allow for instant feedback.



Warehouse

The arrivals dashboard allows the warehouse to prepare for loading and receiving goods.

We help your planners to build the best plan possible and your transportation office to focus on the execution of the plan.

The benefits of real-time transportation management

Advanced route optimization software allows transportation planners to create accurate, robust and achievable plans. With Aptean Route Execution, individual driver availability is automatically factored into the transportation planning process. It ensures the best use of every driver as they execute the plan. There's no need for the transportation office to make changes to the plan, and your operation benefits from the same software being used across both the planning and execution teams - removing silos.

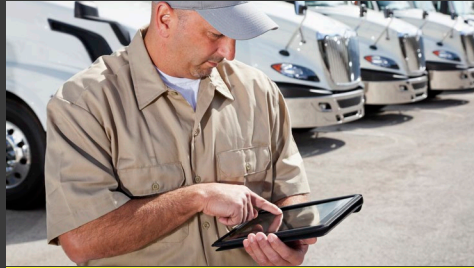
Integrating tracking with your routing software allows the transportation office to monitor the performance of drivers and deliveries to ensure the plan is being executed correctly. It also allows your organization to proactively deal with issues as they arise, keeping fleet performance on track and customers happy.

Transforming your transportation operation with Aptean Route Execution

Visibility is key to improving the execution of your plan. Aptean has created route optimization software to help you achieve this. Aptean Route Execution includes:



Route Execution Management



Live Management and Reporting



Aptean Proof of Delivery

Aptean Route Execution allows you to link our routing and scheduling software with more than 40 different vehicle tracking system(s), including our own proof of delivery and job management solutions.

GPS data captured by your tracking software allows Aptean Route Execution to collect information such as:

- › Actual drop times
- › Actual locations
- › Exact travel times between delivery locations

Providing visibility of a wide range of events as they happen and a comparison against the plan in real time.

The plan vs performance visibility drives accountability and continuous improvement in your transportation planning operations. For example, distance and fuel usage deviations can be discussed during the driver debrief, and plans can be adjusted based on driver feedback.

It also factors in your drivers' actual availability, accounting for holidays, absences, and actual hours worked. The advanced system is able to feed the legal hours each driver is available to work back into the plan. All information is centralized to remove both data and operational silos.



Using planned vs actual data to manage your transportation operation

Setting clear KPIs for your operation and then tracking against those measurements in real time allows you to respond immediately if your distribution operation is not performing at its best. Appropriate KPIs will vary between transportation operations but might include:

% of deliveries
completed on time

% of deliveries delivered
within 15 minutes of
planned delivery time

Waiting time at
customer locations

Number of
deliveries completed

Fuel used per 1000km

Actual fuel used
against plan

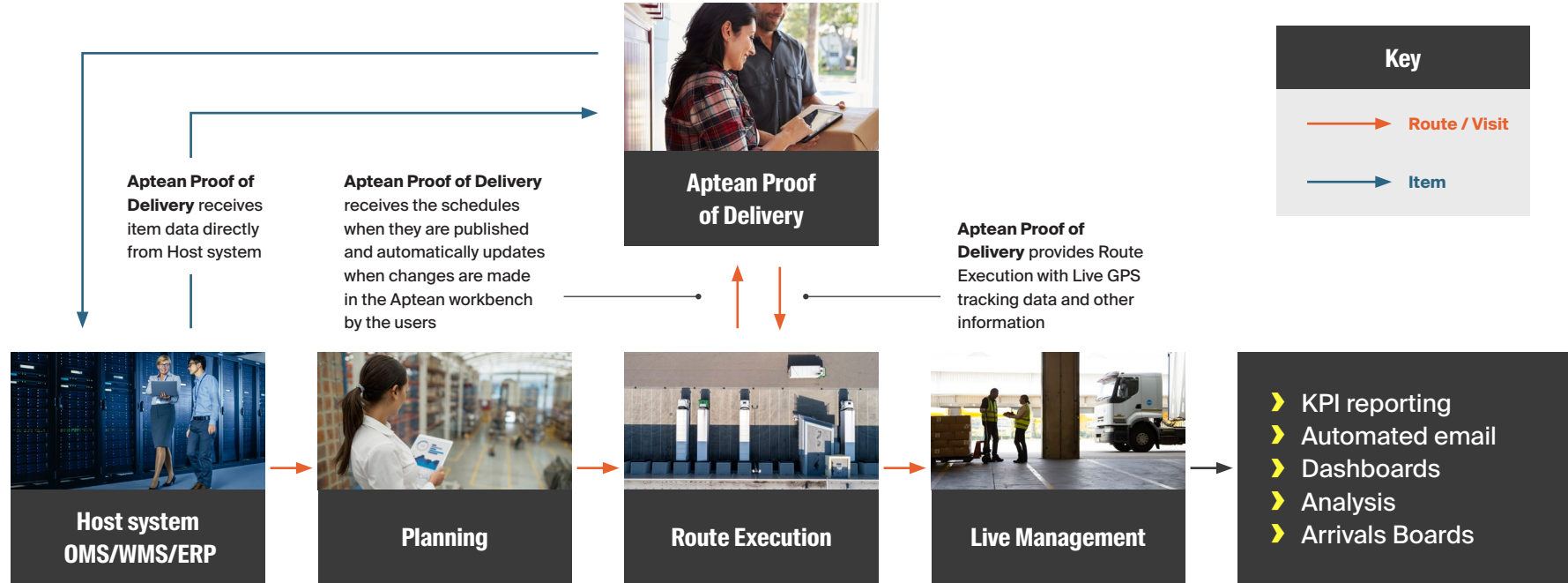
Fully integrated systems providing visibility across your operation

Your choice of vehicle tracking system may be based on functionality that is specific to your industry or a preference for a local provider.

We develop, test and certify interfaces to our tracking partners' APIs to provide high integration levels. Once the integration is live, you can then import all the tracked data into Aptean Route Execution, allowing you to monitor and report on the KPIs that are important to your business.

You can also integrate your routing software with Aptean Proof of Delivery. In addition to collecting tracking data, this also allows two-way communication between Aptean Proof of Delivery and Aptean Route Execution.

A fully integrated solution providing you with the ability to plan, execute and deliver



Live Management Module

All your Aptean data is held in a SQL database. Our Live Management module allows you to mine that data and share status updates or performance against KPIs.

Real-time arrivals data can be viewed in HTML format on smartphones, tablets or back of store monitors. Dashboards can display live performance data against plans or specific customer KPIs - providing all members of your team with complete visibility during execution. Live management reporting also facilitates analysis with easy-to-understand graphs and tables that simplify sharing data with your peers and managers.

Benefits

- › Reduce vehicle turnaround times
- › Proactively deal with problems that arise during the day
- › Easily share KPI data across your organization in multiple formats
- › Improve efficiency by ensuring the customer site is ready to accept the vehicle



Who uses Aptean Route Execution

Our modular approach to software allows Aptean customers to invest in the solution that is best suited to their transportation management journey.

Here are just a few customers that are seeing the benefits of our route optimization software:




“We’re very pleased with the performance of the Apteian system. Not only has it helped us **reduce our delivery costs by 16%**, we have improved the accuracy of our plans. Also, with vehicle tracking communicating with the system through Apteian Route Execution, we can easily recalibrate the system to use actual times spent on making each delivery. Our overall delivery performance and efficiency has increased significantly with this technology.”

Dave Colgan, Transportation Manager, Glanbia plc



“With Apteian Route Execution providing live vehicle and driver activity from the tracking system, we are able to use a fact-based approach to planning deliveries. We can see when a vehicle arrives at a delivery, how long the call took and when it left. We now have visibility of our customer service performance immediately, whereas previously we had a 12-hour delay in getting feedback from the drivers when we were using manual reporting.”

Jim Norton, Distribution Planning Manager, Warburtons



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What type of support is available to help you get the best from your software?

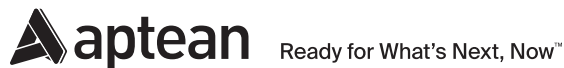
Once you are live and operational, there is plenty of support to help you get the most from your Aptean Route Execution software. When you choose Aptean, you're getting far more than just a software implementation. You'll also get:

- › Regular software upgrades
- › Specialist Hotline Team
- › Online client portal, which contains step-by-step 'How To' guides, tutorial videos and FAQs



Are You Ready to Learn More?

Contact us at info@aptean.com or visit www.aptean.com.



Aptean provides very specific industries with very specific ERP, supply chain management, and customer experience solutions. In today's fast-paced, highly competitive economy, organizations don't have time to waste forcing homegrown software, spreadsheets, and one-size-fits-all solutions to do things they were never designed to do. Aptean is on a mission to end those work-arounds – with industry-specific solutions instead of generic software, expert support instead of making you go it alone, and a steady influx of new ideas instead of the status quo.

For more information, visit www.aptean.com.