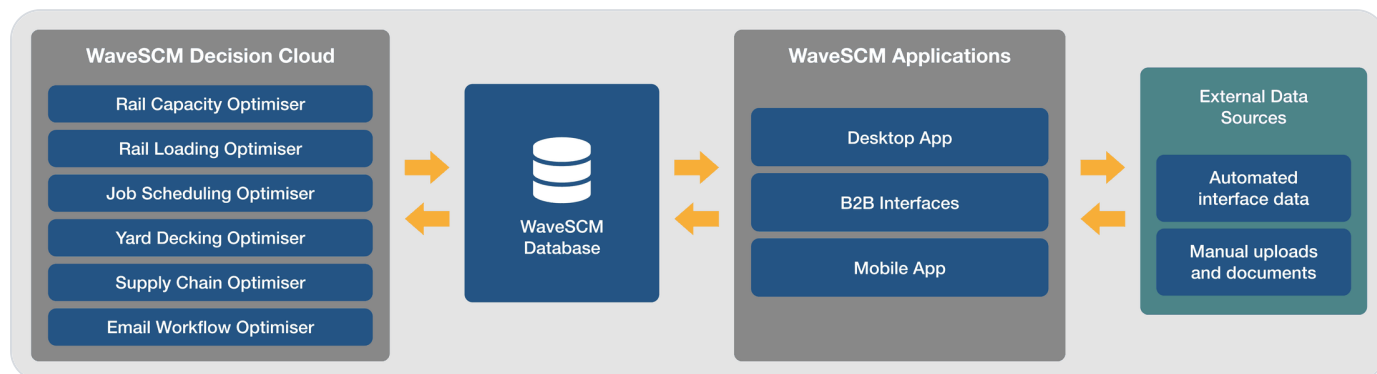


WaveSCM Decision Cloud

AI Optimisers and Agents Embedded in WaveSCM



Each module reads from and writes back to the same operational record your existing interfaces already use.

Every logistics operation runs on decisions made under time pressure, with more variables than a person can hold at once. Which containers go on which wagons. Where a box is decked so it does not have to be dug out later. Which job the truck does next when the day changes. Made well they save real money, and there is rarely time to make them well.

WaveSCM Decision Cloud is where those decisions are worked out. Each module is a self contained optimiser or agent that reads the live operational picture, produces a considered plan or recommendation, and presents it inside WaveSCM for your team to accept, adjust or override. Nothing sits outside the system of record, and no separate data set has to be maintained to keep it running.

Decision Cloud can be hosted and run by Wave Systems, or deployed into your own private cloud where data residency or internal policy require it. Modules can be taken up one at a time, and every module after the first is a smaller step because the integration is already in place.

Modules of WaveSCM Decision Cloud include:

- Rail Capacity Optimiser
- Rail Loading Optimiser
- Job Scheduling Optimiser
- Yard Decking Optimiser
- Supply Chain Optimiser
- Email Workflow Optimiser

YOUR PEOPLE STAY IN CONTROL

Every module proposes and explains, with a person accepting the outcome. The reasoning behind each recommendation is visible, what was suggested stays on the record, and higher levels of automation are introduced only where you ask for them. Each customer runs in a separate environment with its own credentials and model endpoint, governed by our information security management system, certified to ISO 27001:2022.

Optimisers and Agents

Six Modules, Each Taking One Demanding Decision

Each of the six takes a decision made many times a day, rarely with enough time to make it well. All read the same operational record, and all leave the final call with your team.

Rail Capacity Optimiser

How it works. Consolidates committed and forecast volume against available train paths, wagon fleet and terminal windows, and shows where capacity is short or idle before the service is locked in.

What it delivers. Shortfalls seen early enough to act on, better use of contracted paths, and a defensible basis for accepting or declining volume.

Rail Loading Optimiser

How it works. Builds the load plan wagon by wagon from the containers due to move, within weight and axle limits, wagon type, destination sequencing and terminal handling rules.

What it delivers. More payload on each service, fewer late reworks of the plan, and a repeatable result that does not depend on one planner being available.

Job Scheduling Optimiser

How it works. Sequences jobs across trucks, drivers and equipment against time windows, service commitments and available hours, then re-optimises as jobs are added, delayed or cancelled.

What it delivers. More jobs completed per shift, less empty running and idle time, and a considered answer within minutes when the day changes.

Yard Decking Optimiser

How it works. Decides where each container is placed from what is known about its next movement, so stacks are built in the order they will be called for, not the order things arrived.

What it delivers. Fewer unproductive lifts and less machine movement per container, faster truck turnaround, and yard capacity used closer to its real limit.

Supply Chain Optimiser

How it works. Plans across the whole chain rather than one leg at a time, matching demand and usage signals to stock, transport modes and site capacity to decide what moves, when and by which route.

What it delivers. Lower total delivered cost, stock positioned where it is actually needed, and the trade-off between cost, service and risk made visible before it is committed to.

Email Workflow Optimiser

How it works. Monitors the shared operations mailbox, identifies the container and reference numbers in each thread, links the conversation to the right job, then writes a summary, next steps and an urgency rating onto that job.

What it delivers. The triage load lifted off the team, shipment context held on the job rather than in one mailbox, and deadlines raised without anyone chasing them.

Where to start. The right first module is the one where your operation spends the most time on a decision a system can prepare. We would welcome a working session with your team to identify it and agree what a trial would demonstrate.

WHY DECISION CLOUD



Hosted or
Private Cloud



Adopt One
Module at a Time



Your People
Stay in Control



ISO 27001:2022
Certified