



# **AgiSight:** Getting The Most Out of Manhattan and all Supply Chain Data Platforms







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No one appreciates Manhattan software like the leaders of Agillitics. We are Manhattan alums, after all, and we know from our time at Manhattan that its supply chain management software sets the standard for the industry.

That's why we left. We knew Manhattan was the best, so we wanted to create something that would make the Manhattan user's experience even more powerful.

So we established a company named Agillitics to assist users of top-tier software such as Manhattan in unifying their data for greater simplicity and enhanced usability.

And after seven years of consulting with clients, we developed the ultimate tool for the job – a platform we call AgiSight.

# How Do You Need to Improve? Data Has the Answers.

Those in the supply chain industry need to know a lot, and sometimes they don't even know the questions they should be asking. A clear look at data can help with that. Are you asking:

- Am I paying the best price for materials and labor?
- Is there an opportunity to consolidate transportation when it's time to move the products?
- Are we slotting items into distribution centers in the most economical way possible?
- Is the pick/pack/ship process as economical as it could be?
- Are we getting the best price and performance on last-mile delivery or, if you're a retailer, online shipping?
- Are we batching orders correctly from a sourcing perspective?
- Are we optimizing the economics of our order quantities?

Data can help you recognize that these and others like them are the questions to ask. And it can help you find the answers – if it's in a manageable form. And too often, that's the problem.





## So Much Data, So Many Silos

A friend of ours in the industry recently asked a great question about distribution center operations: "Is it better to spend more in one area in order to save more total on a net/net basis? Being efficient in transporting inventory to a distribution center is great, but if you've got too much inventory – or not enough – then transportation gains could be lost. That's why I feel the whole chain needs to be looked at, not just single pieces. Sometimes it's better to spend more in one department to save double in another, which is why a dashboard using clean data is so important to see the full picture."

We couldn't agree more. The problem is: How do you see all the data in such a way that you can pick out where a greater spend in one area will save you more in another?

Data in the supply chain industry typically doesn't work that way.

The supply chain industry uses many different software systems to keep things operating. Warehouse management systems. Order management systems. Transportation management systems. Not to mention systems for labor management, marketing and employee management.

Each system operates independently and generates its own data, which lives in its own silo. With that much data floating around – often in different forms – it's a significant task just to manage it all.

But we have the solution.



## So Much Data, So Many Silos

We know the supply chain industry. We're all veterans of it. And if we've learned anything in our years in the industry, it's that data is worth more than gold.

That's why we founded a company with the one specific goal of making data a powerful tool – that's easy to use – for the entire supply chain industry.

For seven years we consulted with clients who were dealing with these problems. Over and over again, we saw that their data was siloed and wasn't reflecting the impact of each silo on the others. And yet it seems so obvious if you know the supply chain space: Inbound activity at your dock door is going to affect your labor decisions. Inventory levels will affect your transportation decisions. Issues with an unloaded product will impact work assignments.

And all along the way, the wave activity in the warehouse will affect how you prioritize every one of these decisions.

Since we know the supply chain space, we got used to helping our clients see the connections between all these areas of operation. And the more we did, the more we realized that more than 90 percent of these issues kept coming up again and again.

That's when we realized it would be more effective for them if we could create an out-of-the-box platform they could plug in and implement themselves – a platform that would account for the problems we kept noticing in our consulting engagements – and offered a simple and user-friendly method of dealing with them.

AgiSight was born.



## It All Flows Into One Lake

If seven rivers all flowed into one lake, you wouldn't be able to tell which water came from which river. It would all just flow together seamlessly.

Data should work like that, and with AgiSight, it does.

AgiSight brings forth the data from all your platforms and systems and merges it together in a Snowflake data lake. That's where details are ironed out. We've seen operations that used four different terms for a work assignment, and attempts to mesh them together ended in confusion.

Not on AgiSight. The data lake knows what different terms mean, and it assigns one label for it. The data lake also knows that measurements and metrics can sometimes vary between different platforms and silos, so it harmonizes them as well.

Now the data is all together in one location. None of it conflicts with another part. None of it presents sticking points or anomalies.

And it all happens lightning fast.

When a user opens up the AgiSight system, it inquires of the various silos to bring their respective data points into the data lake, which instantly harmonizes them and presents them to users in simple, report-ready fashion that's easy to follow and understand.

All you have to do is reference the various command centers and you'll get all the information you need about what's going on, how well it's working and what if anything you need to do about it.

And we partner with Reporting Hub so that, when you run reports from AgiSight, they're simple and powerful for helping to drive operational excellence.

## Out of the Box

Extended onboarding time is often a given when it comes to software implementations – especially with high-impact platforms.

But in today's supply chain, who has time to wait months while all the bugs get worked out?

Margins are too tight. Expectations are too precise. The consequences are too serious. The supply chain industry needs what seems too good to be true. It needs a powerful data management platform that's ready to perform on day one of Go Live.

That's exactly what we designed AgiSight to do. So let's walk you through some of what you will see when using AgiSight.



# Around the Warehouse

A warehouse is a big place. To see everything happening from one vantage point is a fanciful idea, but with today's video technologies a warehouse operator can get a good look at just about every inch of the facility from a single command center.

If video can give a warehouse operator that kind of view, why should the data be dispersed in different silos? It shouldn't. Data should be every bit as visible from a single vantage point as the physical space of the facility on those video screens.

That means digital command centers that can easily bring forth the data from every aspect of the operation. AgiSight's various command centers do just that:

## *Dock Door Command Center*

Imagine the value of seeing all utilization of dock doors on the inbound side of the warehouse. Is there a shipment checked in? Is new work coming in? Are there trailers sitting empty that need to be moved out? What is the status-by-status breakdown of dock door utilization and ASNs?

The warehouse operators using AgiSight can see all of this in a single place, in real time, and can make decisions on the spot about where to take action and what to prioritize.

## *Receiving Command Center*

Can you see which ASNs and which shipments are checked in? Do you know how much time they've spent there? Can you tell which products have been received from each vendor? In what

quantity? Were there any alerts? What about issues with the products that were unloaded?

The receiving command center puts this all right in front of you in real time.

## *Work Assignment Command Center*

The most granular piece of work in a warehouse is what Manhattan systems call a task. Other platforms have their own names for it. We unify the concept by calling it a work assignment.

But whatever you call it, there is a lot a warehouse operator needs to know about the work assignments in place in the warehouse. That's what the work assignment command center provides, with up-to-the-minute data on headcount, open tasks, remaining zones and units for multis and singles.

You get all this broken down by status and by work zone. You'll know if there are two tasks not yet started, 34 in picking and 784 already shipped out. You'll know in an instant where the areas of need are. And you'll know who can be deployed to address those areas.

## *Wave Command Center*

With so many waves open in a warehouse, how can you get a sense of all of them at the same time? That's what our wave command center does. Progress bars show when each open wave is completed and available to be picked or otherwise worked on in the warehouse. Wave status? You get them all, any time, all the time.

# Labor Management Command Center

How is your team performing? What metrics do you want to use to measure that? How do you want to break it down? Employee by employee? Department by department? Job function by job function?

We can configure it any way you want, and AgiSight's labor management command center will tell you who's excelling, who's falling behind, who needs to improve, who needs to be reassigned and who needs to simply stay right where they are keep up the good work.

## *Employee Performers*

Using the customer's preferred metric for distinguishing between top and bottom performers, this section generates top and bottom performer lists. It can be based on very standard measures such as units per hour, and the section can rank everyone from top to bottom or could generate a list of who is above and who is below a certain threshold. Maybe any worker who tops 100 units per hour is on a list of excellence. It can be configured in many ways.

Whether it's based on measures such as putaway, replenishment, picking/packing or others, we drill through the details to let you know exactly how you can assess each of your people.

## *Employee Scorecard*

Just about any labor metric you can imagine can be put to work here to assess each individual employee. Simply select an employee's name and you will see that person's performance in areas such as

UPH, raw throughput, down time, gap time and various others. You can also see how this person performs at different tasks or in different areas of the warehouse.

It's a striking view of each person's performance, and plenty of detail to help you understand where to deploy, where to correct and where to possibly reassign each person.

## *Employee Exceptions*

Looking purely at exception scenarios, this section highlights if a user skips a pick on a task, or canceled a pick or had unexpected gap time or down time. No worker is perfect, but this report shows you the top offenders in the exception areas that are important to the user. Skip picks? Short picks? Inactivity? You'll know instantly who presents issues for you.





## Self-Service Section

Sometimes an associate knows exactly what he or she is looking for and is prepared to skip the graphics and the presentations and go directly to the raw data. The self-service section makes it easy for an associate to do that in a variety of areas.

### *Work Assignments Self-service*

If a warehouse associate knows ahead of time that he or she wants to research all the tasks on a particular wave, this is the area to come and perform that research. Accessing it as a standalone page and skipping the executive view of the command center report, the associate will be taken directly to the bottom-level information needed.

### *Waving Self-service*

An associate may be interested in checking the progress of a particular wave he or she has already identified. This section makes it possible to enter the wave ID as a search parameter and go straight to the raw data.

### *Receipts Self-service*

In similar fashion, if an associate knows what he or she needs to find in the receiving area, this section makes it possible to simply enter search parameters for shipment, trailer or any other parameter and access the desired data directly – without having to go through the executive view of the command center report.

## Configured to Perform

It's not enough that AgiSight gives you all your data in a single view. Sometimes customers want different configurations. They want one feature or detail to be displayed more prominently. Or they want to be able to switch between various configurations so they can have a clearer view of certain data to fit the focus of the moment.

AgiSight builds multiple configuration pages with different visual elements,

along with multi-informational cards through which customers can scroll. They mix and match relevant data points so customers can see them in just the configuration they prefer.

And we anticipated much of this ahead of time, which saves development time and ensures that the configurations are ready to go when the customer gets up and running with AgiSight.

# Stop Managing Data; Start Letting Your Data Help You Manage

Too much is being demanded of the supply chain industry for companies to spend money and man-hours sifting through data and trying to make sense of it. Too much is at stake for supply chain companies to risk missing the mark on critical operational details because data points don't agree and don't work together.

The supply chain industry is swimming in data, and it's all valuable. But if you are constantly wrestling with it, then the data won't deliver you the value it could or should.

Let's put a stop to that. With AgiSight, you no longer have to deploy time or resources to managing data. Instead, the data gets put to work for you. It's already organized, already analyzed and already presented in report-ready form. And best of all, it's all in one place.

Let's start putting that data to work, and put an end to the work it forces you to do.


The reward? The highest and best operational excellence you've ever imagined – with you and your team working less hard, not more, to achieve it.



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