



# TECHNOLOGY SCALES INFINITELY, PEOPLE DON'T.

Straight-talking insight from Miso



**Contact**  
0121 232 8000



**Website**  
[www.misoportal.com](http://www.misoportal.com)



**E-mail**  
[info@misoportal.com](mailto:info@misoportal.com)

# TECHNOLOGY SCALES INFINITELY, PEOPLE DON'T.

Cloud hasn't made technology simpler. Instead, the reality of hybrid cloud has created a more distributed, fragmented, and operationally complex environment that has made management far more difficult.

Naturally, teams have responded by reaching for more tooling – tools for infrastructure, monitoring, data movement, security, and the list keeps growing. The sheer range of these different tools has increased administrative overheads which is a huge challenge for data teams.

The truth is while technology scales infinitely, people don't.



# MORE LAYERS, MORE COST

The ideal toolset would allow the whole team to have the same deep knowledge, which they could effectively and consistently apply across all their data challenges. However, every piece of tooling competes for the same finite amount of time, attention, and expertise.

The more tools an organisation has the more fragile it becomes. This is due to:



**Reduced capacity.** The more tools in play, the more thinly human capacity is spread and the harder it becomes to do anything well.



**Underutilised tools.** Every tool added to the stack is another that will be partially understood, inconsistently applied, and underutilised.



**Complex support.** Inconsistent tools are installed, configured, and maintained differently.



**Knowledge siloes.** With multiple tools, it's easy for expertise to concentrate in one person and when they leave, that knowledge leaves with them.

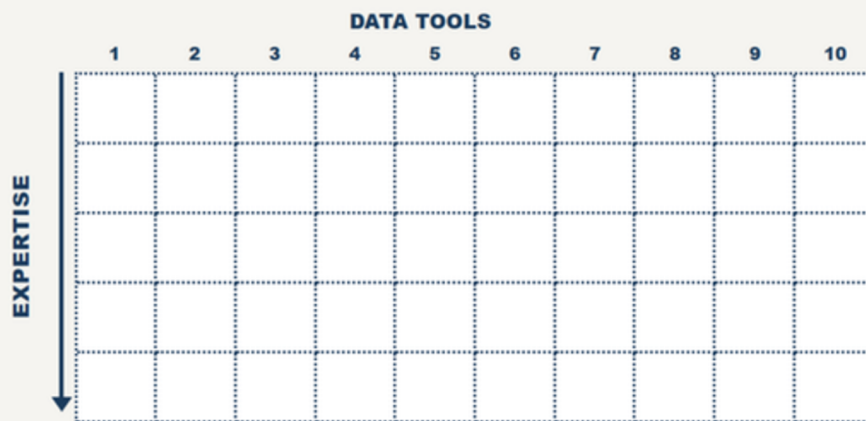
So how do you balance the need for tools and the capacity of your team?

# THE 10-BLOCK PROBLEM

A different way to look at the challenge is to consider your team's collective operational capacity as 10 blocks. Every platform you add gets a share of those blocks. The more blocks a single platform holds, the deeper your team's expertise in it.

With this in mind, how would you lay out your team's attention?

## Your team only has 10 blocks



# WIDE AND SHALLOW OR NARROW AND DEEP?

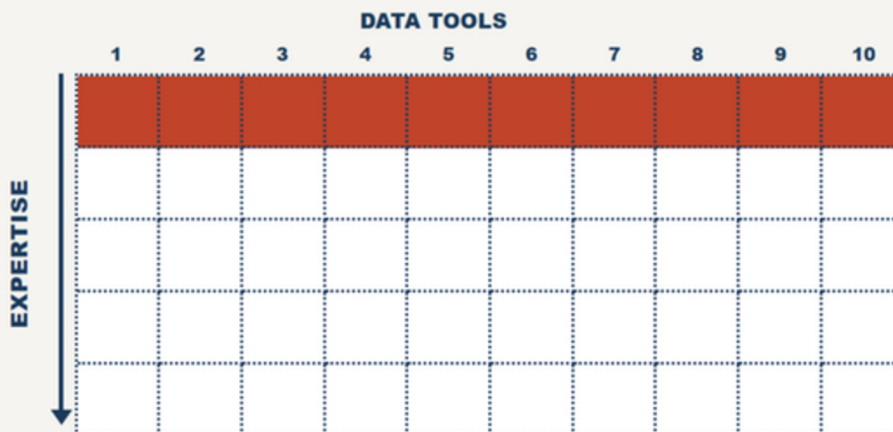
The ideal skill deployment is Narrow and Deep but new technologies are driving teams to Wide and Shallow model.

## WIDE AND SHALLOW

Wide and Shallow organisations spread capacity across a large number of platforms and services. On paper this makes sense, using the best tool for each job, but as teams are stretched across more tooling, expertise becomes spread thinly across platforms, making it harder to build real depth in any single capability.

This is what creates genuinely fragile operations.

### Wide and Shallow



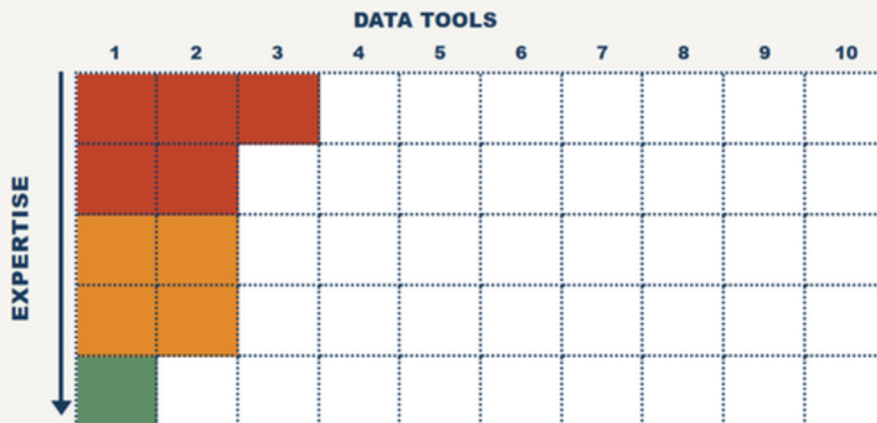


## NARROW AND DEEP

Narrow and Deep organisations deliberately standardise around fewer core platforms. Instead of adding tooling, they focus on building deeper operational capability. This creates stronger consistency across teams and processes, deeper expertise that compounds over time, and simpler support through shared knowledge.

The critical challenge of the narrow and deep model is choosing the right tools. The ones capable of replacing several point solutions and working across your environments and systems.

### Narrow and Deep





## FME IS BUILT FOR DEPTH

FME really excels in driving the Narrow and Deep model because it can be deployed in so many more environments and situations than most competing data management platforms.

FME's truly environment agnostic approach, allows organisations to work across cloud, hybrid, and on-premises environments without constantly changing the data management platform used by their teams. The same logic, the same interface, and the same operational patterns apply regardless of where workloads run. That consistency helps organisations go deeper instead of endlessly wider. Skills transfer across projects, knowledge compounds, governance is consistent and teams are able to focus on what they need to deliver, not what they need to administer.

This doesn't mean sacrificing specialist capability. FME's flexibility means organisations can use specialist tools where they genuinely need them, because it supports a broad range of connections, systems, and file types.



## **BALANCING TOOLS WITH CAPABILITY**

The challenge modern organisations face is not access to technology. It's balancing platform breadth with human capacity.

Too wide, and those organisations becomes fragile, stretched across so many platforms that none are understood deeply enough to depend on when it matters.

The organisations that navigate cloud complexity best won't be the ones with the most tooling. They'll be the one that use the fewest number of tools in the most impactful way.



**miso** 

[www.misoportal.com](http://www.misoportal.com)