

DATA-DRIVEN. EFFICIENT. COMPETITIVE.

Harnessing the power of data across BAE Systems.



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The need for one truth.

The defence industry is at a pivotal moment. International budgets are growing but changing in nature; there are new opportunities to expand across global markets; as well as demands from the Ministry of Defence (MOD) action plan to collaborate with more SMEs, increasing supply chain complexity.

At the same time, there's a continued need to acquire new talent, invest in digital upskilling and set clear steps towards meeting the UK's net-zero carbon footprint goals. Wider market economics are also creating challenges, resulting in an increased focus on driving operational efficiencies.

With six business units to manage and optimise – all with their own internal processes, projects, and security classifications – addressing all these challenges, while driving positive and sustainable change, won't be easy.

As you look to drive future innovation, business resilience and operational efficiency, you need complete, secure visibility of the right data, at the right time. This requires a single, centralised analytics solution that can:



Drive accurate decision making



Provide data transparency throughout the enterprise



Deliver project, programme and supply chain visibility



Break down silos between teams



Provide trusted, governed insights



Simplify your infrastructure

The need for one truth.

“Tableau is a game changer”

– Harriet Clark, Vice President US Programmes Sustainment

“Tableau has enabled agility by delivering us the accurate & timely information we need at our fingertips in seconds that previously took days”

– Jon Ward, Head of Procurement

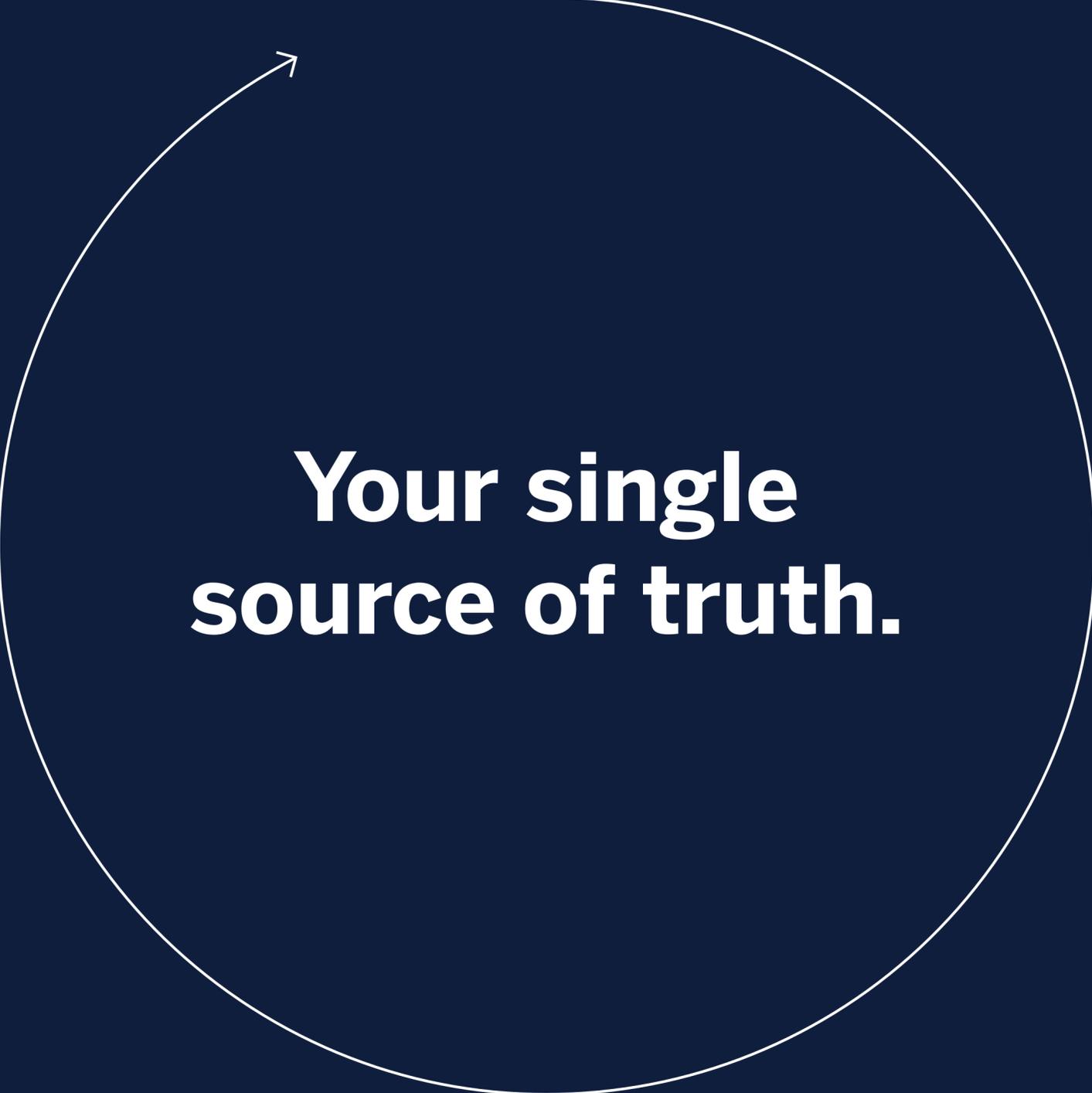
“Best in class for the Supply Chain in terms of reporting and performance analysis capability”

– Andrea Thompson, Managing Director Europe & International

“Tableau allows us to draw data from multiple factory systems into one visualisation. This will help drive the schedule and significant savings in terms of hours and reduced risk are anticipated”

– David Hackett, Production Planning & Integration Manager Tempest Manufacturing





**Your single
source of truth.**



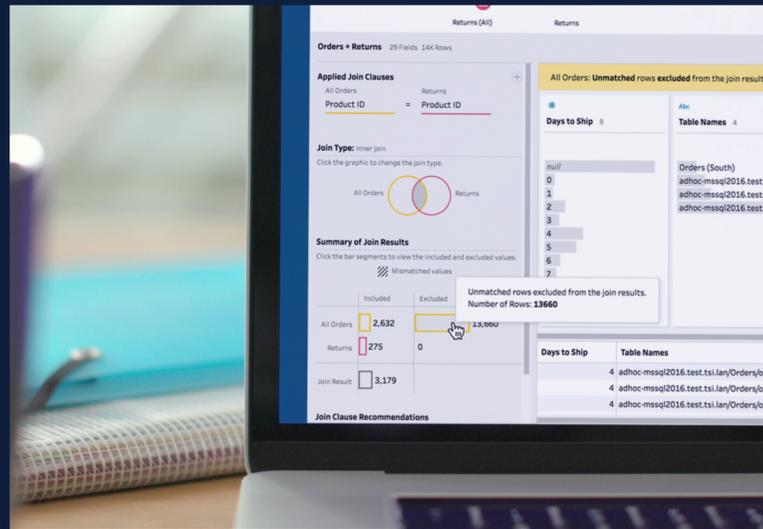
Your single source of truth.

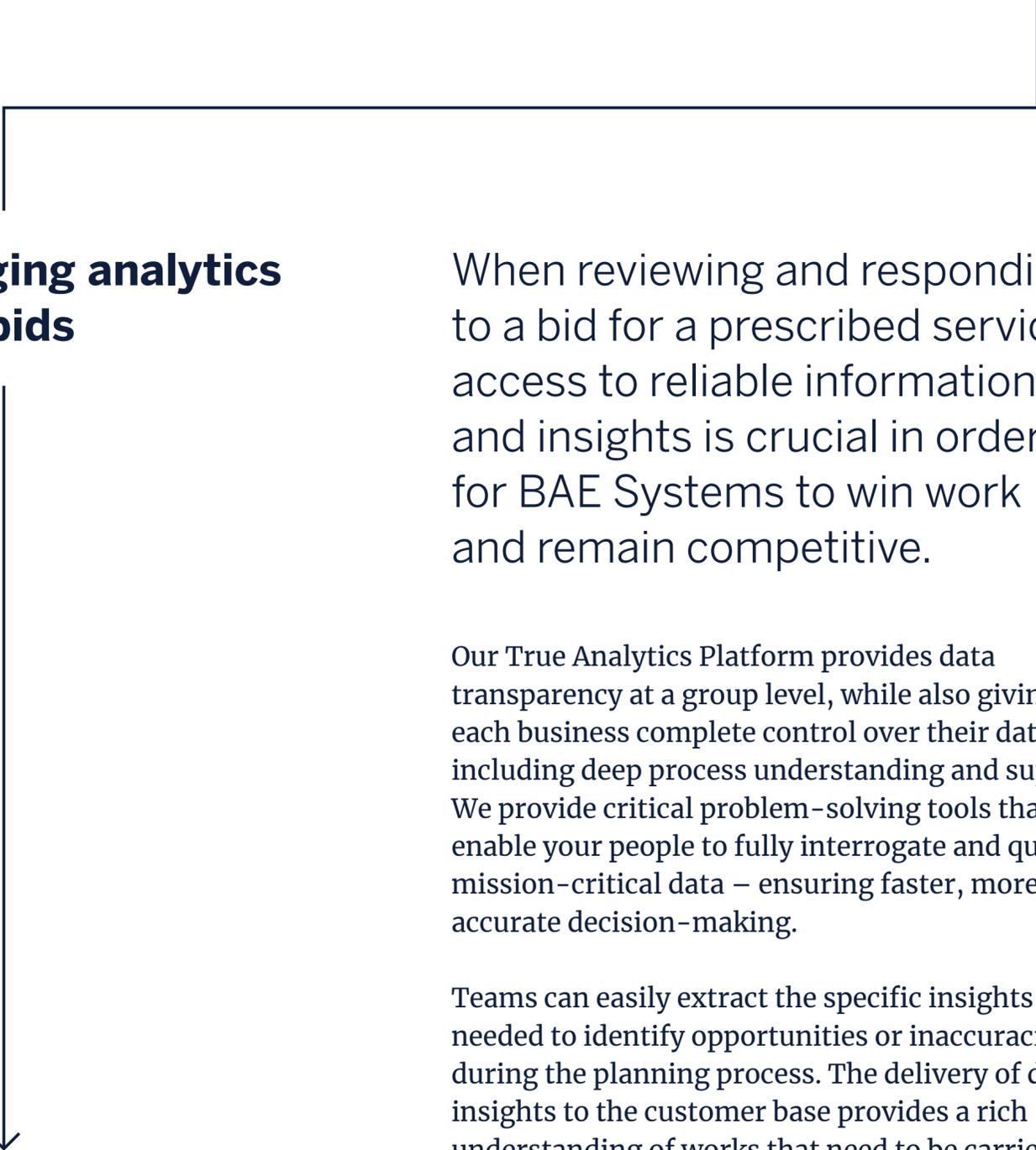


Tableau's True Analytics Platform provides BAE Systems with a single source of truth, breaking down silos between your teams. Delivering consistent, reliable insights to everyone, it acts as a digital thread that connects your entire organisation – from visualisation and simulation development, to worker safety and asset management – delivering complete project, programme and supply chain visibility, from initial sale all the way through to post-sale maintenance.

BAE Systems handles a range of data, from project management to top-secret and classified information. That's why the True Analytics Platform has built-in security, with centralised security measures and user-based access controls, and can be delivered on-premises, or in the cloud.

Scroll to discover how our True Analytics Platform can help you harness the power of data at every stage of the project lifecycle.





Leveraging analytics to win bids

When reviewing and responding to a bid for a prescribed service, access to reliable information and insights is crucial in order for BAE Systems to win work and remain competitive.

Our True Analytics Platform provides data transparency at a group level, while also giving each business complete control over their data – including deep process understanding and support. We provide critical problem-solving tools that will enable your people to fully interrogate and query mission-critical data – ensuring faster, more accurate decision-making.

Teams can easily extract the specific insights needed to identify opportunities or inaccuracies during the planning process. The delivery of deeper insights to the customer base provides a rich understanding of works that need to be carried out in a maintenance contract, when they need to happen and how long they are likely to take – ensuring total transparency to enhance BAE Systems' ability to win work.

Total oversight

Understand what can or can't be committed to based upon similar past programmes.

MOD compliance

Comply with MOD requirements, such as providing sustainability metrics.

**Leveraging analytics
to win bids**

**Granular
view**

Have a granular view on what is being charged for which aspects of the contract.

**Competitive
accuracy**

Ensure pricing is accurate and resource plans are executable to enhance competitiveness.

“ We now have all of our supply chain data consolidated through Tableau, from a range of sources. Doing so has created a single source that everyone in the business can access and use together for the first time.”

Henkel

[READ THE CASE STUDY →](#)



Enhancing execution and delivery with data

At Tableau, we understand how much siloed infrastructure can limit operational efficiency. Without easy access to the right data, at the right time, it's difficult to achieve the insights your people need to seamlessly deliver programmes.

Greater data visibility – and easier data handling – can ensure you avoid delays, increase sustainability, and optimise contracts, material, service, and backlog management. With clear and timely visibility into your supply chain, you can proactively identify bottlenecks to better manage risk and speed up product delivery.

By embedding and exploiting insights throughout the whole product lifecycle, our True Analytics Platform can help to enhance the execution and delivery of mission-critical programmes in many ways.



Enhancing execution and delivery with data

1 Project visibility

Gain greater project visibility with a holistic view of data across BAE Systems' businesses, sectors and teams.

2 Forecast demand

Understand demand forecast and pipeline that has turned into orders.

3 Deliver transparency

Deliver transparency across your supply chain to ensure the risk of reliance on singular suppliers is appropriately mitigated.

4 Mitigate risk

Ensure risks and bottlenecks can be identified and mitigated with visibility of all facets of the programme.

5 Programme delivery

Track asset velocity to ensure the programme is being delivered on time in full.

6 Maintain production

Understand asset availability to provide suppliers with sufficient notice to avoid situations where lack of available materials slow production times.

7 Track spend

Track spend versus budget and known future spend to understand progress and ability, and deliver against set costs.

Enhancing execution and delivery with data

8 Measure performance

Better leverage existing technologies by measuring the performance of manufacturing equipment to reduce downtimes and maintenance of infrastructure.



9 Gain insights

Gain insights over resource demand to enable smarter scheduling to ensure build isn't slowed down due to limited resource.

10 Avoid delays

Get clear insights in plan execution to enable true visibility over delays, why they have occurred and what contractually can be committed to move things forward.

How we're empowering more teams at Tesla to unlock the power of data and accelerate production efficiency.

TESLA

[READ THE CASE STUDY →](#)

Discover how Flex uses Tableau to enable smarter supply chain management, in a bid to create a more connected world.

flex.

[WATCH THE VIDEO →](#)

Taking care of aftercare

Unplanned maintenance and repairs can cost millions and hinder customer relationships. To minimise downtime and reduce costs, the True Analytics Platform streamlines maintenance and asset lifecycle management to bring greater visibility and control to BAE Systems' customers and employees, from product conception to end of life.

Whether maintaining a third party or BAE Systems built platform, by embedding our analytics capabilities into your products, you can provide customers and teams with provision data, giving both parties insights on performance and maintenance cycles so that they have a clear understanding of when the platform(s) will be grounded for maintenance.

With predictive maintenance across a fleet of assets, you can begin to understand which assets are likely to need maintenance prior to the platform arriving for service, as well as predict when additional parts need to be replaced; based on in-life data from other assets rather than historical maintenance schedules. This will reduce an ongoing problem whereby approximately 60% of work that is delivered during a maintenance cycle is unknown at the start of the cycle. Having this insight will enable the right resources and assets to be made available, reducing service time in unforgiving, time and mission-critical environments.



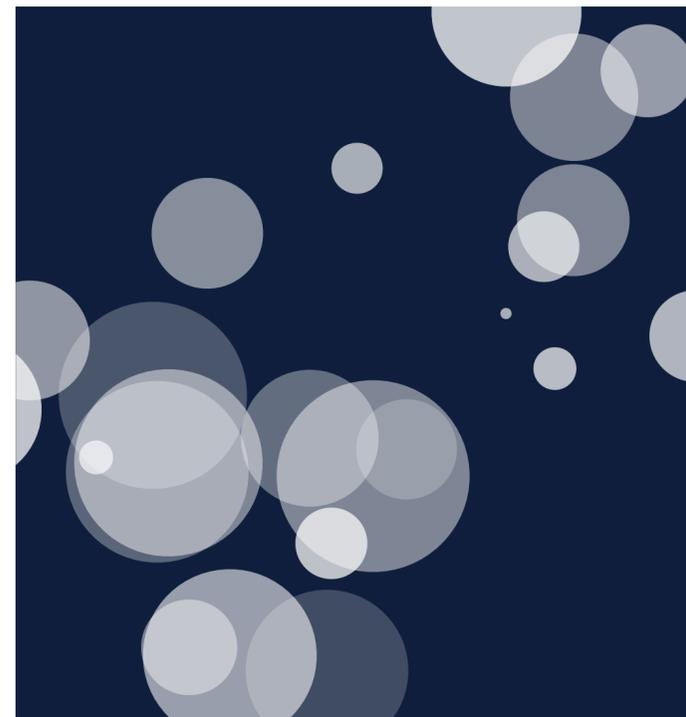
Taking care of aftercare



“GE Aviation is tapping into the power of Tableau to increase productivity, minimise downtime, and capitalise market opportunities.”



[READ THE CASE STUDY →](#)





**Designed to
drive operational
efficiency**



Designed to drive operational efficiency



Big change is on the horizon for the defence industry. Faced with unprecedented opportunities and challenges – from growing international budgets and supply chain complexities, to pressures to digitally upskill and meet sustainability goals – the industry must adapt efficiently in order to meet customer demands and remain competitive.

But it isn't enough to simply invest in solutions that accelerate transformation in isolation. Organisations must break down process and data silos by harnessing the power of data business-wide.

By building on our strong, existing relationship, we're confident at Tableau that we can support you to leverage data as a valuable, strategic resource. As you aim to accelerate operational efficiency, develop new talent and business resilience, and remain an innovative leader in the security, aerospace and defence sectors, our True Analytics Platform will provide a single source of truth, as well as deep data analysis and insight.

Your teams will be empowered to become more data-driven, efficient and informed – accelerating operational efficiency and adding value to every project milestone.

Find out more about harnessing the power of data across BAE Systems by contacting Samuel Needs.

[EMAIL SAMUEL →](#)

