

WHITE PAPER

ValueOps® Artificial Intelligence Agent (Vaia):

Transforming Data into
Actionable Insights for
Enhanced Efficiency

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EXECUTIVE SUMMARY

Businesses struggle to make informed decisions in a world of complex data and ever-changing market demands. Traditional solutions are often siloed, lacking the agility and insight needed for effective strategic planning and execution. Broadcom's ValueOps platform is revolutionizing business transformation through an innovative combination of advanced analytics, user-friendly interfaces, and a powerful AI engine. This paper reveals how AI-fueled enhancements in ValueOps by Broadcom will help customers capitalize on these opportunities.

THE AI ASSISTANT WHO SAVED THE DAY

Imagine a future where technology transcends human limitations. In a world with limitless possibilities, what would your perfect day look like?

It's Friday morning, a week before the month ends. The tension in my office crackled with a palpable energy, not just from the looming deadline, but from the weight of last month's failures – the ever-present threat of another missed target hanging over us like a storm cloud.

I pushed away the growing tide of doubt and forced myself to focus on the data before me. The spreadsheet was a graveyard of unrealized goals and dwindling resources – a stark reminder of where we stood.

"Vaia," I called out, feeling the pressure build. My hands tightened around the coffee mug. "Our status review is in two weeks. I need to know where we stand with the investments I manage".

Its calm voice filled the silence, an anchor in the turbulent sea of my anxiety. "The numbers aren't good.". Vaia's calm tone provided a sliver of reassurance. "Your investments for digital banking and mobile app development are facing delays," it informed me. Vaia laid out the data before me in a clear, concise way:

- Digital Banking User Experience is currently at 60% completion, however, there are three requirements, that are must haves, are behind schedule.
- The mobile app work is only at 35% with little probability to finish the work in time."

I growled as my gut churned with a mixture of dread and anger.

"Upon further analysis", Vaia continued, "we see two critical factors at play, Scope creep and team resource constraints". My gaze landed on Vaia, its AI intelligence radiating a sense of calm efficiency as it continued to explain.

"The scope of the Digital Banking User Experience was recently expanded after the last review and team "Iteration Ninja" is facing challenges completing these items before the deadline. In addition, team Dynamo has had some resource turnover recently and the new team members do not have enough experience with the existing mobile app functionality."

"What are the options?" I asked, my voice low but firm. "I need to know what we can do."

"We have two key options," it replied. "Reduce scope by pulling back on several requirements and focus on minimum deliverables for now. Or redistribute resources by allocating more personnel to assist with these two deliverables."

THE AI ASSISTANT WHO SAVED THE DAY

(continued)

I felt a wave of frustration wash over me. This wasn't just about missing deadlines anymore; this was about rebuilding trust, delivering on promises to clients, and not ending another month with an embarrassing shortfall. "Can you delve deeper into the redistribution option, Vaia?" I asked, my gaze hardening. "Specifically, what are the team's capacity and skill sets, and how could we leverage them effectively?"

Vaia's voice, crisp and clear, echoed through the room as it laid out a stark assessment. "I have analyzed the current workload and progress by each team." Vaia declared. "The 'Ironclad' team has made good progress on completing the minimum requirements and are working on stretch goals that could be delayed till next release."

I nodded, feeling a wave of anxiety wash over me. "I've analyzed the skills of each team member," Vaia explained calmly. "And I've found some overlaps. Some members on the Ironclad team have strong UX development capabilities that would meet the requirements to work on Digital banking."

Vaia paused for a moment. "What does that mean for our plan?" I pressed, my gaze locked on Vaia. "I'm proposing we deprioritize some of the Ironclad stretch goals and have them pick up the additional work needed on Digital Banking User Experience."

Vaia paused again, its AI processing power humming as it considered the next step. "Analyzing the historical work done by Synergy Squad it seems they have a solid base of mobile expertise". I listened silently as I am anxious to know what Vaia is going to propose. "In the last status meeting, some of the deliverables were pushed out to get some capacity from 'Synergy Squad' due to requirement changes. 'Synergy Squad' could offer support on the Mobile App work by picking up some of 'Dynamo' work, without impacting their own deliveries."

The room filled with silence as I contemplated the options laid out by Vaia. This wasn't just about code; it was about momentum, strategy, and ultimately, success. I knew timing is critical.

I looked at Vaia, a mix of hope and apprehension swirling in my gut. "Great," I said, trying to keep my voice steady despite the rising panic. "Since time is of the essence, I want to schedule a meeting between the team managers and myself for this morning."

I leaned back in my chair, a sense of urgency pushing me to get things moving. "The agenda should be focused on delivery prioritization."

"Specifically," I continued, pointing to a screen displaying projected timelines, "I'm suggesting we deprioritize some stretch goals from Ironclad and move their focus to Digital Banking User Experience work. Similarly, I want Synergy Squad to collaborate with Dynamo to see where they can do the mobile app changes."

"Action taken. A meeting has been scheduled for 10 am this morning between you and the respective team leads." Vaia announced as it completes actions on my behalf.

THE AI ASSISTANT WHO SAVED THE DAY

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The tension in the room began to dissipate as I realized the potential of this new strategy.

"I am also analyzing current actual spending and comparing it to our planned costs." Vaia broke the silence in the room as its voice tinged with urgency. "We need to get a clear picture of where we stand financially as we do not have the latest actuals." My calmness begins to turn back to anxiety again as there is a pause in Vaia's voice.

"Let me fix that gap by pulling the latest actuals from our ERP system directly". "Here's the latest on actual spending versus planned costs." Vaia presented me with the reports in a way that was easy to understand and visualize. "Good news," it said. "We're actually under budget for this month." Its AI voice, calm and confident, carried an unexpected note of optimism.

As I reviewed the information, a sense of purpose and confidence returned. A quiet hum filled my office, a comforting reassurance that behind this chaotic landscape lay an intelligent hand guiding us towards a solution. The screen in front of me wasn't just data anymore; it was a roadmap, an intricate tapestry woven from numbers and AI insights. It was the beginning of our recovery, the promise of a more stable future.

THE POWER OF VAIA: UNLOCKING VALUE IN DECISION-MAKING

Doesn't the story sound like a scene from Tom Cruise's "Minority Report"? While this sounds futuristic, Broadcom is working on making it possible with ValueOps and its AI service ValueOps Artificial Intelligence Agent (Vaia). ValueOps represents the seamless convergence of Clarity®, Rally®, ValueOps ConnectALL®, and ValueOps Insights as a single platform that empowers leaders at every level to plan, fund, manage, track, and optimize using a common data model and value orientation.

Broadcom is taking a cohesive, comprehensive, and connected approach to AI, delivering a complete suite of AI capabilities that seamlessly enhance the advantages of ValueOps. Vaia embodies the potential for tomorrow's futuristic scenarios to become a reality today, offering a powerful and transformative computing platform that can be leveraged to drive innovation and progress. Vaia will provide a solution that will help boost productivity, morale, and delivery quality for every role across the entire value stream.

The futuristic story had a user have a natural conversation with an AI agent that understood the user's ask and accordingly performed various functions such as collecting various forms of data such as investment status, team skills and capacity, historical team trend, and ability to pull in actuals from different systems.

In Clarity you can manage investments, allocate teams based on skills, and track investment planned cost. Rally allows you to track team capacity plans, actual features and stories being worked on by the team, and the team's historical data. Finally ConnectAll can seamlessly extract financial data from the ERP system and pull it into Clarity for planned vs actual comparison.

So in essence all the data needed is already captured in the ValueOps platform. The process of information gathering and analysis could easily be handled by Vaia.

THE POWER OF VAIA: UNLOCKING VALUE IN DECISION-MAKING

(continued)

At its core, Vaia will be an advanced persona-based agent designed to empower users with targeted assistance in managing their daily tasks and optimizing their workflow. Through a sophisticated understanding of user needs and preferences, Vaia would seamlessly integrate into existing workflows, offering contextual support for information processing and data analysis that would facilitate more efficiency and enhance user productivity by mitigating errors and streamlining decision-making.

The goal of Vaia is not simply to provide automated assistance, but to empower users with tools that enable them to achieve a higher level of efficiency, making their work experience more streamlined and impactful.

At the heart of Vaia lies a centralized platform designed to empower users with actionable insights. This platform leverages a wealth of data that will provide contextual insights specific to the task required.

Vaia will empower businesses to:

- **Streamline workflows:** Automate repetitive tasks and streamline complex processes.
- **Enhance operational efficiency:** Gain valuable insights and optimize operations for maximum productivity.
- **Build stronger relationships:** Provide contextual solutions and foster deeper connections.

A paramount concern at Broadcom is the security of customer data. Vaia will adhere to stringent security protocols, ensuring that no sharing occurs between different customer datasets. All data will be protected with the same robust security measures employed for existing customer data within Broadcom's SaaS platform.

Vaia represents a significant advancement in ValueOps, offering businesses the tools they need to thrive in today's dynamic market.

CONCLUSION

In conclusion, Broadcom is poised to revolutionize the way businesses operate with its innovative ValueOps platform, powered by AI capabilities through Vaia. Vaia would transform workflows, enhance operational efficiency, build stronger relationships, and drive innovation forward. As advancements in AI continue to unfold, Vaia will evolve into a highly intelligent and autonomous system capable of automating end-to-end business processes seamlessly while acting as your strategic advisor. With Vaia at the helm, businesses will be empowered to adapt quickly in today's fast-paced market and thrive into a future where human-AI collaboration is the norm.