

aws marketplace

Tulip

Reviews, tips, and advice from real users



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Product Recap



Tulip

Tulip Recap

Tulip is an innovative platform designed to enhance manufacturing operations by integrating core functionalities that streamline process management and data collection.

Tulip offers a dynamic approach to manufacturing tasks. By providing users with tools to build applications without code, Tulip optimizes production lines and enhances workforce efficiency. Users often highlight the platform's ability to aggregate real-time data for better decision-making and its ease of customization. Despite its strengths, feedback suggests there is room for improvement in areas like scaling application functionalities and expanding integration capabilities with third-party tools.

What are the important features of Tulip?

- **No-code Application Development:** Enables users to create custom applications without requiring programming skills, facilitating rapid prototyping and deployment.
- **Real-time Data Collection:** Allows for instant data capture and analytics, supporting informed decision-making processes.
- **Customizable Dashboards:** Offers users the ability to tailor dashboards to specific metrics and KPIs, enhancing visibility into operations.

What benefits or ROI should users look for?

- **Increased Efficiency:** Streamlines workflows and reduces bottlenecks, leading to improved productivity and operational efficiency.
- **Enhanced Data Accuracy:** Real-time data updating ensures accurate and timely information, essential for precise analysis.
- **Scalable Improvements:** Facilitates continuous improvement initiatives, enabling businesses to adapt and evolve practices effectively.

Tulip is particularly effective in industries like automotive, electronics, and pharmaceuticals where precise data tracking and process optimization are critical. It aids in quality control and compliance through its robust data analytics and reporting features, significantly benefiting these sectors.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “The best features Tulip offers include the fact that it is fairly easy to set up and allows you to connect things.”



Richard Goyette

Smart Manufacturing Project Manager at MassMEP

- ✓ “Tulip is really about empowering people to build applications, and those people who build the applications are not necessarily only technical experts or developers.”



Mathias Knop

Cofounder And Managing Partner at Coretecs

- ✓ “Tulip has changed my life, as I started using it just for making some inventory, and now I'm moving forward to digitalize 100% of the facility.”



EdgarMendoza

Staff AI Architect at Outset Medical

- ✔ “One of the best features that Tulip offers is having a bunch of connections with third-party tools such as ERPs and specific quality tools, just to have correct traceability of what is the concern about one client or something similar.”



Verified user

Main Developer at a transportation company with 11-50 employees

- ✔ “Tulip is very easy to use because you can customize your own app or create your own app without having much knowledge about the programming aspect.”



Verified user

Student at a healthcare company with 201-500 employees

- ✔ “Since using Tulip, my organization has positively transitioned from a lot of manual documentation for GMP compliance to digital, significantly reducing paperwork and now maintaining data retention within Tulip instead of manually.”



Prabal Kanti Sarkar

Senior Solution Engineer at a tech services company with 51-200 employees

What users had to say about valuable features:

“The best features Tulip offers include the fact that it is fairly easy to set up and allows you to connect things.

“By connecting things, I mean connecting to devices, and that's really what I was evaluating. We connected to a couple of different things, a micrometer and a scanner, but it has a whole list of devices that can be easily connected through developed APIs.

“Tulip has positively impacted our organization by allowing us to put together a software package that would help conduct this training class in an inexpensive manner..”

Richard Goyette

Smart Manufacturing Project Manager at MassMEP

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“Tulip offers numerous best features, as you can implement applications without coding, and if you want to code, there's a way to do it with custom widgets, along with AI tools, dashboards, and many use cases you can implement not just in the production floor, but also in materials, quality, and human resources.

What stands out for me about Tulip's features is that it has its own AI called Frontline Copilot, and you can create agents there, with automations being a particularly exciting feature that allows you to automate transactions between systems.

Tulip has positively impacted my organization as we have developed around more than 300 applications for the shop floor, quality, supply chain and for human resources, allowing managers to consult any data they want, making it a basic part of daily activities.

We have been able to reduce the headcount since there's no longer a need for more people to do manual or traditional transactions on paper because our collaborators use a tablet to make transactions on a real-time basis..”

EdgarMendoza

Staff AI Architect at Outset Medical

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“Tulip is very easy to use because you can customize your own app or create your own app without having much knowledge about the programming aspect. You only need basic logic and very basic programming skills to create the applications. All you need to take care of is the user interface and the function of your app, so you can focus most of your time on the function rather than developing it.

“The automation functions in Tulip were very cool and easy to add to our programs. Managing all the tables and everything was very easy to do.

“Tulip was the core software which I had to use, so it was indispensable for my project and had a big impact on it.

“Tulip made the process faster and it already had built-in templates. If you wanted to do machine maintenance, equipment maintenance, or track available equipment, there were already predefined templates. All you have to do is plug it in and customize it to your needs. It was very easy to use and made the process much faster. If I wanted to build it from scratch, it would have taken more than two months or one month, so it was relatively fast this way..”

Verified user

Student at a healthcare company with 201-500 employees

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“One of the best features that Tulip offers is having a bunch of connections with third-party tools such as ERPs and specific quality tools, just to have correct traceability of what is the concern about one client or something similar.

“Those third-party connections, such as with ERPs or quality tools, have helped my team specifically by having a core integration with our ERP provided by Oracle, just to have the production status and how many pieces we build on the production line.

“Tulip has impacted my organization positively by having an initial process where we have a reference line that we use to implement Tulip, and it was very useful because Tulip has a bunch of resources in their university.

“The specific outcomes I saw after using Tulip are related to KPIs. We did not have anything about what is the process, what is the current time, what is the output. We had a blackboard that we put what is the current status about the production line. So the main purpose that we implemented Tulip was just to have a blackboard digitally implemented in the production line..”

Verified user

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Main Developer at a transportation company with 11-50 employees

“In my experience with Tulip, its best features include being a low-code, no-code platform that provides drag-and-drop features, so I do not need to spend too much time creating or writing code for showing different screens. It comes with audit compliance and an audit trail, which ensures I do not need to worry about the audit aspect because Tulip itself is certified for that context. Additionally, it provides very easy workflow solutions with pre-built functions and scripts, giving me the flexibility and confidence to write business cases quickly.

Tulip's audit trail functionality captures whatever activity we do, such as data insertions and logins, so all that information is captured. This helps because we do not need to worry much about development since Tulip has its own completion record and app record, which significantly aids us.

Tulip is an MES software that can be created and reused across different interfaces. When we create a Tulip application, we can run it in any player in different workspace areas without caring about the interface, allowing for reusability and flexibility.

Since using Tulip, my organization has positively transitioned from a lot of manual documentation for GMP compliance to digital, significantly reducing paperwork and now maintaining data retention within Tulip instead of manually. Moving from manual to digital with Tulip has resulted in cost savings, as we no longer have to manage excessive manual documentation. Since Tulip is a digital platform, all information, including automatic timestamping, is handled effortlessly, reducing human error, and its built-in audit trail mechanism aids in our compliance and overall processes..”

Prabal Kanti Sarkar

Senior Solution Engineer at a tech services company with 51-200 employees

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“Tulip is definitely a platform that should be used in an agile way. After creating the first application, you start learning things about the platform and can reiterate that application while moving to the next one. Tulip is really about empowering people to build applications, and those people who build the applications are not necessarily only technical experts or developers. These are business process users who are now capable of making their own applications. Tulip can be considered the new Excel of the new era.

“Tulip offers a no-code design editor to build apps and a wide range of connectivity features to connect to both IT systems and OT systems. The platform includes AI features so that you do not have to build AI on top, because AI is embedded inside the platform. This not only assists the application builders or architects but also enables frontline operators with AI capabilities without the technical burden or needing to subscribe to another platform or buy tokens. Everything is included in the same subscription.

“The no-code designer feels as though you have PowerPoint. You design your application step-by-step, similar to designing PowerPoint slides. You drag visual components onto your presentation or application and then start configuring the visuals as well as the background logic in a very user-friendly manner. This enables everyone to understand what has been built by experts or start building their own applications. The AI-enabled features include automatic translation of applications to other languages using AI translation, or creating basic applications from a functional description or a standard operating procedure that gives you an automatically AI-generated application you can then start tweaking. AI can also be used to scrape documents, allowing operators to use a chat to converse with the documentation or manuals of their machines if available. Finally, AI can be applied in vision use cases, such as drawing a rectangle over a zone where your hand needs to pass before Tulip understands that you have taken a piece out of a bin, and then it moves to the next work instruction..”

Mathias Knop

Cofounder And Managing Partner at Coretecs

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Other Solutions Considered

“Before choosing Tulip, I did not evaluate other options. We did not have any other solutions to take into consideration, and Tulip was a unique first way to implement applications in our environment..”

Verified user

Main Developer at a transportation company with 11-50 employees

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“Before choosing Tulip, I did not evaluate other options. We developed it as part of the interface being with the leadership of Tulip and the leadership of Mass MEP. It was really developed as part of understanding Tulip to begin with..”

Richard Goyette

Smart Manufacturing Project Manager at MassMEP

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“This is the only solution resembling an MES that I have been using so far.

I heard that the company evaluated some other options, but I do not know which ones..”

EdgarMendoza

Staff AI Architect at Outset Medical

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“Previously, we primarily built custom software applications for MES use cases. Now we are shifting towards no-code, low-code, and Tulip has been our platform of choice to build MES solutions for our customers efficiently. We also see the benefit for our customers since we have built those first MES applications, and now they are able to continue the development and work themselves using citizen developers. We are also applying a center of excellence strategy and really starting the snowball effect..”

Mathias Knop

Cofounder And Managing Partner at Coretecs

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ROI

Real user quotes about their ROI:

“We have seen a return on investment as transitioning from a traditional company using paper for manual transactions to a system like Tulip that digitalizes everything results in significant savings, alongside reduced downtime and other efficiencies, although explaining this fully in a short interview is challenging..”

EdgarMendoza

Staff AI Architect at Outset Medical

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“The time to value is drastically reduced; I would say more than 50 percent. In a typical monolithic project, you start by drafting all the requirements and making an analysis design, and you are easily one or two years further before you see the first results. With Tulip, you start building with very small blocks, and every two or three weeks, you have results. You then iterate faster because you can feel the results, and people become enthusiastic, so they are motivated to continue. Therefore, the time to value is reduced by 50 percent. Additionally, the application life cycle management is embedded in the portal, so you do not have to develop this from scratch, which leads to a total cost of ownership that will be reduced by 30 to 40 percent..”

Mathias Knop

Cofounder And Managing Partner at Coretecs

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Use Case

“I had a university project to create a particular MES application using Tulip for a project. I mainly worked on creating MES applications for assembly processes, resource management, and machine maintenance using Tulip, which proved to be very useful for that..”

Verified user

Student at a healthcare company with 201-500 employees

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“My main use case for Tulip is that I was the main developer and I am in charge of working with Tulip to implement it in our workstation on the production line, just to be used by the operator.

“A quick specific example of how Tulip is used by operators on the production line is that it is used to have the traceability of that specific component or what is the current status of that line, about how many processes we have, how many operators we are running, how much time a specific operation takes, and information about time..”

Verified user

Main Developer at a transportation company with 11-50 employees

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“My main use case for Tulip is creating applications for the pharma industry, which falls under GMP requirements, and this is the purpose of using Tulip in my current role.

Currently, I am using Tulip to create an application that involves different workflows and data insertion with associated alerts for different executions. It has been used mainly for application purposes across different parts of the industry, where we create smaller applications to serve our business case.

In terms of how my team uniquely uses Tulip, I have been using it in my role as a developer to create different steps and screens to capture different units and input from users while following GMP guidelines. We have been using it to store data into different Tulip tables as well as barcode scanner devices with optical input sections..”

Prabal Kanti Sarkar

Senior Solution Engineer at a tech services company with 51-200 employees

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“Our main use case for Tulip is to train people on how to unify lean and technology together so that people don't think they have to do just lean or just technology. Our use case was somewhat unconventional.

“We use Tulip as the backbone to set up scheduling and determine what products need to be run in what order. We also use it to run through instructions for how to assemble the product and conduct quality checks, using pictures to store quality check documentation.

“We are using Tulip as a representation of systems and not necessarily Tulip itself, but to help people understand the ability to make products themselves, the DIY software adaptability, and how it can help..”

Richard Goyette

Smart Manufacturing Project Manager at MassMEP

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“My main use case for Tulip is developing apps to digitalize the shop floor by implementing workflows to facilitate current daily operations, connecting system-to-system, and to ERP, making productivity more efficient.

One specific example of how I've used Tulip to digitalize a workflow is the biggest project to make the facility 100% paperless by providing an eDHR application.

Going paperless with the eDHR application has greatly impacted my team's daily work, as you can check records in seconds, instantly on your computer, laptop, or cell phone, and inspect any record that we produce from our product instantly

Tulip has changed my professional life. I started by digitizing a simple inventory process, and over time, I have expanded its use to digitize nearly 100% of our facility's operations..”

EdgarMendoza

Staff AI Architect at Outset Medical

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“Tulip is a composable MES platform that can tackle multiple use cases. We primarily use it for digital shop floor applications designed for frontline operators who need a screen and user interface to interact with both machine data and business data. This enables us to create various use cases including digital work instructions and overall equipment efficiency for machines. Tulip also serves as an additional layer for integrating with laboratory information management systems or ERP systems, making it highly versatile.

“At one of our customers, we are currently creating the blueprint to replace their complete MES with Tulip, which represents a very different approach with composable MES compared to monolithic products. Using Tulip for this customer, we start by blueprinting the order initiation through integration with an ERP system and focusing on the workflow of an operator who starts an order on the production line. We then work on order execution, covering everything an operator does and needs to enter into a system when the order is being executed. After passing through the order registration, the system confirms back to the ERP what raw materials were used..”

Mathias Knop

Cofounder And Managing Partner at Coretecs

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

“It was very easy for my team to learn and adopt Tulip, because Tulip has a university with very useful tools, videos, and articles just to have a complete way. If we have a question, we go there and that is it..”

Verified user

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Main Developer at a transportation company with 11-50 employees

“I would say that if you are intuitive and technically inclined, you will learn Tulip very quickly. The implementation was complex at the beginning because nobody knew how to use Tulip, but after a few months, maintaining and expanding the platform became much more straightforward..”

EdgarMendoza

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Staff AI Architect at Outset Medical

Customer Service and Support

“The customer support is one area that they definitely have gone beyond when it is standard customer support. However, when we're doing these fringe, outside of the norm type things, it is not something that they are capable of adapting to..”

Richard Goyette

Smart Manufacturing Project Manager at MassMEP

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“Customer support for Tulip is great; we have an assigned Customer Success Manager who conducts weekly meetings to address our requirements and needs, and we can report bugs directly to him, along with having access to a customer portal for support that follows SLA guidelines for ticket prioritization..”

EdgarMendoza

Staff AI Architect at Outset Medical

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Other Advice

“For those looking into using Tulip, my advice is that it is great, particularly for anyone migrating from physical to digital documentation for MES software, especially those focused on GMP guidelines in the pharmaceutical industry. Tulip can be used for GMP-related work. I gave this product a rating of eight out of ten..”

Prabal Kanti Sarkar

Senior Solution Engineer at a tech services company with 51-200 employees

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“The only specific outcomes I can really share are that a lot of people that have taken the class seem really passionate afterwards and see how simple technology can make a significant impact on their company.

“My advice to others looking into using Tulip is to really know your use case and start with defining your process. That makes it a lot easier to set it up.

“I rated this review a six..”

Richard Goyette

Smart Manufacturing Project Manager at MassMEP

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“My advice for others looking into using Tulip is to go through Tulip University, study all the materials, do the examples, and then start the work. I would recommend going through the knowledge base website as well.

“It is very good, but sometimes the logic had to be changed because I used Tulip

not in a commercial application, but rather in an academic application. However, some of the questions were still asked in such a way that it seemed as though I was using it in a commercial application. Many of the questions were irrelevant to me, even though there was previous context that it was not in a commercial or business application.

“I gave Tulip a review rating of eight out of ten..”

Verified user

Student at a healthcare company with 201-500 employees

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“My advice for others looking into using Tulip is to not be afraid of using a new tool because it will truly exceed expectations; Tulip has changed my life, allowing you to do whatever you want with it, making it an excellent choice for innovative individuals.

I believe we are partners with Tulip, but I would say we are primarily just customers, with probably some partnership aspects, yet there is no product relationship between Tulip and the company.

The accuracy and reliability of Tulip's AI output depend on how you handle it and program it, as the agents need specific instructions about the precision desired, necessitating serious iterations to achieve more precision.

Regarding Tulip's AI capabilities, we design our own governance policies internally and need to follow the documentation provided by Tulip due to our status as an FDA-regulated company, which requires adherence to certain policies and governance procedures.

I give this review a rating of 10..”

EdgarMendoza

Staff AI Architect at Outset Medical

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“I chose nine out of ten because it is very useful to have a specific tool in a drag-and-drop tool to have an application in a very quick way. That is the main feature and the main purpose that we had Tulip at my previous work.

“Regarding Tulip's AI capabilities, its governance and security were great. We have Tulip on our servers and service in Tulip, and we have a very big security scale implemented in that way.

“I do not have the correct answer for Tulip's accuracy and reliability of output because I did not use the AI feature. The version that we had does not have any AI features yet.

“My advice for others looking into using Tulip is that if you want to implement Tulip in your environment, you need to take the first certification regarding Tulip. It was pretty easy and useful for me just to have initial steps to implement in our environment. Follow up on the Tulip University path.

“It was pretty easy just to implement initial steps in an MES environment.

“I rate Tulip a nine out of ten..”

Verified user

Main Developer at a transportation company with 11-50 employees

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Top Industries

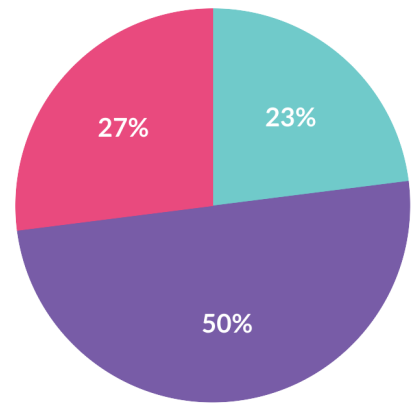
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Company Size

by reviewers

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Large Enterprise Midsized Enterprise Small Business

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