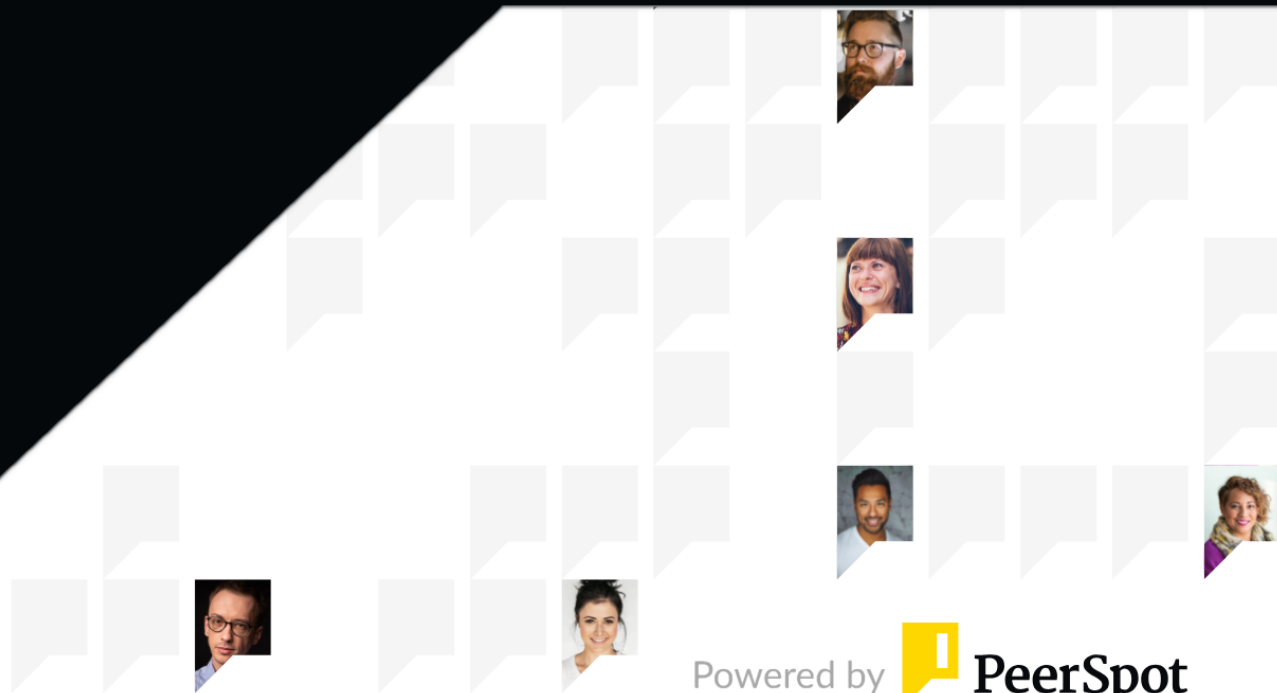




Mirth Connect Health Check

Reviews, tips, and advice from real users



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Product Recap



Mirth Connect Health Check

Mirth Connect Health Check Recap

Mirth Connect Health Check is an essential tool designed to ensure system integrity and operational efficiency for healthcare integration projects. This solution aids in monitoring, analyzing, and optimizing data exchange processes, facilitating seamless interoperability within healthcare systems.

Mirth Connect Health Check offers robust monitoring capabilities to ensure continuous system performance and reliability. By focusing on integration and data flow, it aids healthcare organizations in maintaining a high level of operational efficiency. Its valuable features enable users to detect and address potential issues proactively, ensuring minimal disruptions in data exchange. Aimed at tech-savvy users, this tool emphasizes ease of use and efficiency, making it an asset in managing healthcare IT infrastructure.

What are the most important features of Mirth Connect Health Check?

- **Real-time Monitoring:** Keeps track of system performance to quickly identify and resolve issues.
- **Custom Alerts:** Configurable notifications for system anomalies to ensure timely interventions.
- **Comprehensive Reporting:** Detailed analytics on system activity for informed decision-making.
- **Scalability:** Supports growing data volumes for expanding healthcare operations.

What benefits and ROI should users look for in reviews when evaluating Mirth Connect Health Check?

- **Increased Efficiency:** Streamlined processes result in fewer errors and faster data handling.
- **Cost Savings:** Reduced downtime and maintenance expenses.
- **Improved Compliance:** Adherence to industry standards and regulations.
- **Enhanced Decision-Making:** Access to actionable insights for strategic planning.

In healthcare, Mirth Connect Health Check has been effectively implemented to enhance data interoperability and system reliability. Hospitals and clinics use it to streamline patient data management, ensuring that critical information is accurately transferred across platforms. This integration is crucial for maintaining high standards of care and improving patient outcomes.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“Since using Mirth Connect Health Check, I have noticed that it has definitely reduced a lot of time as an HL7 or healthcare data integration.”



Verified user

Senior Software Engineer at a manufacturing company with 10,001+ employees



“Having all the data in a single application helped my team by saving time and improving accuracy.”



Verified user

Business Analyst at a government with 10,001+ employees



“Mirth Connect Health Check has positively impacted my organization by allowing our interoperability master, who knows how the message should be drafted and sent but is not a technical person, to use this tool easily.”



VipulAggarwal

Software engineer at a logistics company with 51-200 employees



“Mirth Connect Health Check has positively impacted my organization by making integration seamless and being developer-friendly.”



Jyubaraj Subratch

Senior Software Engineer at a consultancy with 51-200 employees



“Mirth Connect Health Check has positively impacted my organization by speeding up deployment time in my previous jobs.”



Verified user

Computer User & Integration Technology Lead at a tech vendor with 51-200 employees

What users had to say about valuable features:

“The best features that Mirth Connect Health Check offers in my experience are stability, API, and the ability to extend via Java.

“The API of Mirth Connect Health Check helps me with remote management of Mirth Connect Health Check; I was able to use simple scripts to manage it, so I could deploy, create channels, and deploy transformation rules via the API without having to rely on the user interface, and Java helped me in one case to use the IBM HL7 V2 libraries and another use case was to integrate it with a message broker.

“Mirth Connect Health Check helps me manage or monitor those transformations by solving a couple of challenges; the first one is that Mirth Connect Health Check is pretty mature, and the concept of channels makes a lot of sense, as Java is something I used a lot and I valued greatly..”

Verified user

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Computer User & Integration Technology Lead at a tech vendor with 51-200 employees

“The best features Mirth Connect Health Check offers include the parse tree and all available variables when I am coding in JavaScript, which is really helpful to drag and drop and code with no ambiguity.

“These features reduced errors and saved considerable time since I no longer had to type exactly how the fields are traveling through the channels. This helped me track and easily document the flow, making development fast and errorless.

“All features and everything were available through point and click, and even a non-technical person can easily use it in their health systems to parse health messages in HL7 and FHIR formats.

“Mirth Connect Health Check has positively impacted my organization by allowing our interoperability master, who knows how the message should be drafted and sent but is not a technical person, to use this tool easily. This helped us avoid having to hire an additional engineer..”

VipulAggarwal

[Read full review](#) 

Software engineer at a logistics company with 51-200 employees

“The best features Mirth Connect Health Check offers are all the required features for making integration seamless. It supports all types of various connectors to connect between the source and destination systems. It also makes the transformation of one particular message type to another easy using JavaScript and inbuilt connectors, which I find to be useful features.

“In my day-to-day use cases, I usually use the TCP/IP file reader as a connector because the files are received through a secured network, making TCP/IP a useful source.

“Regarding the features of Mirth Connect Health Check, the performance is a major advantage, especially when ingesting a huge amount of data. The interface engine's performance is crucial, and Mirth Connect Health Check handles it well beyond the limit. That is one of the best advantages of having it.

“Regarding Mirth Connect Health Check's capabilities, governance and security are key features that need to be in healthcare integrations. Most importantly, the application needs to be secured and should not be accessed by third parties. Mirth Connect Health Check handles the security-related areas in a proper manner, and I would say it is in a good place..”

Jyuvaraj Subratch

Senior Software Engineer at a consultancy with 51-200 employees

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“The best features Mirth Connect Health Check offers include easy connectivity to protocols, and through those channels, I can always grab the data.

“Protocol admin feature helps in my daily work by providing one-to-one channel communication with the instrument because I used to connect hundreds of clinical instruments with Mirth Connect Health Check, each having their own IP address. There is never a data collision, and that is one of the cool features we had, allowing for one-on-one communication. That was the biggest feature.

“Mirth Connect Health Check has positively impacted my organization because all the data comes into a single application, and we do not need separate applications to grab the data.

“Having all the data in a single application helped my team by saving time and improving accuracy. We did not have to browse through different applications or pay vendors for their applications, making it a go-to tool for all the data with a very user-friendly UI. Everything worked perfectly, saved our time, and the data improved and became more accurate without collision..”

Verified user

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Business Analyst at a government with 10,001+ employees

“The best features Mirth Connect Health Check offers are that it provides a graphical way to create channels, source connectors, destination connectors, filters, and transformers without the need for extensive coding. The dashboard messages browser allows me to track message status, receiving, send, error, and troubleshooting issues quickly. It supports HL7, XML, JSON, and TCP/IP and HTTPS, RESTful APIs, and databases.

“Out of all those features, I find myself appreciating the troubleshooting issues, error identification, the API, and multiple protocols the most.

“The message browser logs, test messages, and connection testing make troubleshooting easier than many custom integration solutions. It also provides JavaScript and custom libraries that can be integrated for advanced use cases.

“In our organization, we are mostly using patient care devices, services, and order APIs. So mostly, EMR data, we are integrating with Mirth Connect Health Check as an HL7 integration. For the outbound, we are sending using RabbitMQ to device applications.

“Since using Mirth Connect Health Check, I have noticed that it has definitely reduced a lot of time as an HL7 or healthcare data integration. Different data formats require compliance and other aspects, but if I go with some other native language, it takes more time to build an application. Mirth Connect Health Check is very easy to use..”

Verified user

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Senior Software Engineer at a manufacturing company with 10,001+ employees

Other Solutions Considered

“Before Mirth Connect Health Check, we needed a different solution because we needed much more control over the incoming messages and custom code; that's why we coded our own custom solution..”

Verified user

Computer User & Integration Technology Lead at a tech vendor with 51-200 employees

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“Before choosing Mirth Connect Health Check, we evaluated other options between Mirth Connect Health Check versus in-house code, and we decided for Mirth Connect Health Check since it was just easier to have it starting and to have it going at the beginning..”

Verified user

Computer User & Integration Technology Lead at a tech vendor with 51-200 employees

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“Before Mirth Connect Health Check, I used to collect data in our network in a folder. When I heard about Mirth Connect Health Check, it was an application with more cool features because I could create all the instruments in one single stop without having to use different folders..”

Verified user

Business Analyst at a government with 10,001+ employees

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ROI

Real user quotes about their ROI:

“I have seen a return on investment with Mirth Connect Health Check; the time saved, as I mentioned before, was significant as the time to the demo and time to have it working was very fast, and it saved us a lot of time building our own HL7 gateway, but then we changed to building for customers because it made more sense for us..”

Verified user

Computer User & Integration Technology Lead at a tech vendor with 51-200 employees

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Use Case

“My main use case for Mirth Connect Health Check is to use this as a router to get HL7 messages, HL7 V2 messages and route them to a transformation service, getting information later for HL7 to fire for HL7 V2 messages from medical devices. Currently, at my company, we are not using Mirth Connect Health Check; we're using an in-house product..”

Verified user

[Read full review](#) 

Computer User & Integration Technology Lead at a tech vendor with 51-200 employees

“My main use case for Mirth Connect Health Check is to parse incoming HL7 messages to deal with my internal health systems and convert JSONs to HL7 messages for external health EHR or EMRs, which was my major use case.

“I created a channel which opens a port where we receive the HL7 message, parse it inside the channel, and use it to transmit through to my systems and vice versa.

“Another use case was to create a heartbeat monitor which lets me know the health of my overall systems. It worked in parallel and created a well-defined system for me..”

VipulAggarwal

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Software engineer at a logistics company with 51-200 employees

“My main use case for Mirth Connect Health Check is primarily for data transmission from a different source to a different destination. As a source application, if I am using HL7 or XML or JSON, the outbound requires a different data format such as a FHIR resource.

“A quick specific example of how I use Mirth Connect Health Check for data transmission is that it is mostly used in our organization for different health clinical applications. Those clinical scenarios are pushed into the respective repository system or clinical devices.

“I mainly use Mirth Connect Health Check as an interface engine. In my case, I am transforming those HL7 formats..”

Verified user

[Read full review](#) 

Senior Software Engineer at a manufacturing company with 10,001+ employees

“My main use case for Mirth Connect Health Check is for healthcare integrations, particularly the HL7 FHIR interface.

“A specific example of how I use Mirth Connect Health Check for those integrations involves CCDAs to FHIR conversion. I receive CCDAs from the source, read the XML CCDAs, and transform that data as a FHIR bundle. Based on the mapping standards, I map all CCDAs fields to FHIR properties according to the resource. Once the parsing is completed, I generate the FHIR bundle for each CCDAs.

“When mapping those sensitive fields to FHIR properties, I encounter challenges, particularly for a couple of properties that are sometimes optional. These properties will be present on CCDAs, but sometimes they won't be. I need to handle this based on conditions, such as whether the value is present or not. If I do not add that condition, it will not tightly populate the data, leading to an error on the FHIR store. I must ensure the value is present in the input, and if it is present, then I need to populate it; otherwise, I should not populate any empty data.

“Apart from my main use case, I have used Mirth Connect Health Check in a different situation where I need to sync the source system's data to the destination system. In the source system, there is a dental PM system where the daily appointments are stored in their database. I need to read that, and the appointment data needs to be updated in another system's database. For this particular use case, I used Mirth Connect Health Check to implement..”

Jyubaraj Subratch

Senior Software Engineer at a consultancy with 51-200 employees

[Read full review](#) 

“My main use case for Mirth Connect Health Check is to gather data for my healthcare client. We used to gather data from the clinical instruments in Mirth Connect and then translate that data through Mirth Connect to our company application that was for QC data. Then we used to translate that data in the reporting format for our healthcare client.

“A quick specific example of how I used Mirth Connect Health Check in that process is by handling diagnostic data. The type of diagnostic data I collected includes all the blood reporting data for lab results. We used to get the data in our Mirth Connect application through something called grabber in our application. Grabber was a programming language that used to connect to the instrument using Mirth Connect. There used to be a configuration in Mirth Connect with a server ID, server IP address, and port number. That configuration used to communicate with the application, and then we used to capture the data from the instrument using Mirth Connect Health Check. Mirth Connect Health Check was a receiver. From there we used to collect data in our application using that terminal server that was a physical device with its own IP address and port number.

“One main challenge I faced was because I was using a 32-bit application, and the amount of data that we were collecting was significant since it was our country's biggest laboratory, processing thousands of samples every day. The limitation of Mirth Connect Health Check was handling a huge amount of data, and since the application memory was very low, it sometimes hung. However, we used to process data part by part. There was also a higher memory version of Mirth Connect Health Check available. When we migrated to that version, our experience became much easier. Mirth Connect Health Check is a very useful tool to use..”

Verified user[Read full review](#) 

Business Analyst at a government with 10,001+ employees

Other Advice

“My advice to others looking into using Mirth Connect Health Check is to connect with the community, as it is very helpful, and be patient while coding in JavaScript there because they use Rhino JavaScript. Also, make sure when you are deploying it on a distributed system that the request is tagged with IDs well so that it can work properly. I would rate this product a 7 out of 10..”

VipulAggarwal

Software engineer at a logistics company with 51-200 employees

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“The advice I would give to others looking into using Mirth Connect Health Check is that the learning curve is steep and you will need time to understand the internals, how it works, but once you have it, it becomes fire and forget, so you configure it once and that's it; it's a very good tool.

“I rate Mirth Connect Health Check overall as a ten out of ten.

“If I had to pick a number from one to ten, I would give Mirth Connect Health Check overall a solid eight; once you know the tool, it just goes. I choose eight out of ten because of the learning curve; if the UI was simpler, onboarding for new developers would be faster.

“Regarding Mirth Connect Health Check's AI capabilities, I think its governance and security are lacking since I used the open-source version, and I think it can be easier to extend the current capabilities. The accuracy and reliability of output are perfect..”

Verified user

Computer User & Integration Technology Lead at a tech vendor with 51-200 employees

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“I would advise others looking into using Mirth Connect Health Check to look for its capability in handling data. If that suffices your requirements, definitely go ahead, and also check for a web-based version if available.

“Regarding Mirth Connect Health Check's AI capabilities, it provides the fundamental features that you would expect, such as user roles, permissions, and admin controls. These controls should be tied to least privilege or probably named accounts. For security purposes, deployment should be secure, with regular patching and database security.

“I have not used Mirth Connect Health Check with AI, so I would not be in a perfect situation to answer that about its accuracy and reliability of output.

“I believe I have covered the main points. I gave this product a rating of eight out of ten..”

Verified user

Business Analyst at a government with 10,001+ employees

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“Regarding Mirth Connect Health Check's AI capabilities, I think its governance and security are positive since they are using ChatGPT as a plugin, which is good to see.

“Concerning Mirth Connect Health Check's AI capabilities, for accuracy, I sometimes get a good response, but sometimes I need to analyze those responses, and based on that, I can utilize those replies.

“Mirth Connect Health Check is deployed in my organization on a private cloud. The private cloud deployment is on-premises because I do not trust a cloud for health data, so I am using our on-premises setup.

“For others looking into using Mirth Connect Health Check, I advise checking the UI for the application's utilization, receiving messages, and error-out messages.

“I would like to mention some strengths about Mirth Connect Health Check, including its easy channel creation and monitoring, excellent HL7 and FHIR interoperability support, powerful transformation capabilities, and its support for many protocols and integration patterns. The weakness part is that the UI is somewhat outdated, making it difficult to manage with large environments, and it requires JavaScript knowledge for advanced development. Performance tuning and governance are needed to support enterprise-scale development. I would rate Mirth Connect Health Check an eight out of ten..”

Verified user

Senior Software Engineer at a manufacturing company with 10,001+ employees

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Top Industries

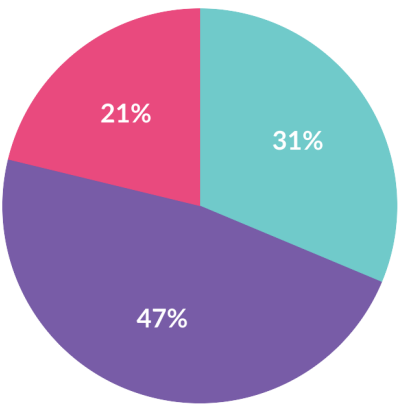
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Company Size

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Large Enterprise Midsized Enterprise Small Business

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