

COVID-19 Vaccine Proof and Test Verification Solution Accelerator

Simplify employee submissions and form processing with automation and AI

The rapid, accurate verification of COVID-19 vaccination and infection statuses has become a global priority for returning to work. Manual data entry slows and introduces errors to any COVID-19 compliance effort, and many organizations lack the internal expertise to deploy automated solutions that deliver reliable insights.

The **COVID-19 Vaccine Proof and Test Verification Solution Accelerator** mass processes and digitizes vaccine and viral test result forms. The AI-powered Azure Form Recognizer turns those documents into usable data that is translated into actionable insights, visualized in Power BI to help validate compliance and inform evolving health and safety strategies.

Challenges

- **Lack of information** required to provide safe, healthy working environments.
- Need for **faster, simpler documentation** submission and internal review processes.
- Inability to meet changing internal, local, national, and union **regulatory requirements**.
- Eliminate the **excess cost** of manual data entry and resulting errors.
- **Limited time** and resources to enable development pipelines for automated form recognition and data analytics.

80% of US organizations plan to continue requiring employees to submit proof of vaccination or weekly test results.*

Benefits



Quickly verify the vaccination and test status of workforce with real-time data.



Significantly reduce time to deployment with pre-built solution.



Enable user-friendly form submission via email attachments and mobile application.



Easily comply with internal and external regulations.



Visualize comprehensive, daily insights into vaccination status and test results.



Reduce costs and increase efficiency compared to manual data entry.

*"Most Major employers are keeping vaccine mandate for workers, despite Supreme Court ruling," CNN, Jan. 26, 2022.

Quickly visualize virus testing and vaccination metrics

The COVID-19 Vaccine Proof and Test Verification Solution Accelerator digitizes the collection, analysis, and verification of vaccine and test result forms.

Employees submit documents via email attachment or mobile app.



Documents stored in a data lake.

Azure Form Recognizer extracts printed and written text, tables, and document structures, turning forms into usable data.



Data is stored in a database.

Power BI generates reports and analytics on workforce COVID-19 status.

Customer success

Situation: One of the world's largest public transportation authorities mandated COVID-19 vaccinations or weekly PCR testing for all employees and needed to efficiently process the thousands of unstructured forms they continuously received.

Solution: The organization implemented the COVID-19 Vaccine Proof and Test Verification Solution Accelerator to automate document processing and validation, including that of their own customer forms.

Impact: As a result, the organization benefited from significant costs and time savings from AI-enhanced data processing, compared to manual data extraction. The solution also enabled them to minimize service interruptions.

Quickly gain accurate COVID-19 insights from easy-to-submit employee documentation

Kick-off



Learn more about the COVID-19 Vaccine Proof and Test Verification Solution Accelerator and see a demo.

Proof of value



Solution code walk-through and prototype creation for testing.

Proof of concept



Proof of concept (POC) is built and deployed with support of specialists and partners.

With demo data and forms, create a POV in 1-3 days.

With your custom data and forms and a prep session, create your POC in 2-5 weeks.

How to get started

Contact your Microsoft specialist for a demo, and to discuss prerequisites, next steps, and your questions.