



## Dive deep, explore, and refine T-MSIS data

Built on cloud-first architecture, Imersis® is a Software-as-a-Service application that scores Transformed Medicaid Statistical Information System (T-MSIS) data files the same way as the Centers for Medicare and Medicaid Services (CMS).

Imersis decomposes the Outcomes Based Assessment (OBA) and T-MSIS Priority Items (TPI) into the underlying data quality measures and validation rules to allow users to pinpoint specific data quality issues, root out the sources of bad data, remediate data quality concerns before they submit their data files to CMS, and perform pre- and post-Medicaid Enterprise System module implementation T-MSIS data quality checks as part of CMS module certification.

## A tested, efficient, thorough, and secure data quality assessment tool

- / In production in multiple states
- / Processes T-MSIS data files in hours
- / Drill into each step of the data quality computation
- / See records with data quality errors
- / Catch regressions early, before submitting to CMS
- / Test the impact of new modules or MES changes before moving to production
- / Get ongoing support from our T-MSIS experts
- / HITRUST certified

### Using Imersis is easy



1. **Ingest:** Upload production or test T-MSIS data files into our cloud on your schedule.



2. **Process:** We score your data.



3. **Explore:** Use our dashboard to see how your score was computed.



4. **Remediate:** Identify the source of the issue, test changes, and fix problems before submitting data to CMS.



Mathematica®  
Progress Together

## Value you can quantify

With Imersis, states can compare production and test T-MSIS files over time, immediately see failed measures, and drill into errant records to identify the source of the data quality issue more easily and quickly, whether it be due to policies, data submitters, or systems.

Combining Imersis, state T-MSIS subject matter experts, and Mathematica staff, Imersis clients have:

- / Resolved nearly the yearly average of data quality issues in half the time
- / Avoided costly change requests to update T-MSIS production files by running test T-MSIS files in Imersis
- / Incorporated Imersis T-MSIS file submissions as part of scheduled MES changes to ensure updates to legacy or modules do not negatively impact the quality of T-MSIS files

## Deployment, processing, and support

- / No integration—send us the exact same file format you send to CMS
- / Cloud-first architecture, also supporting hybrid and on-premises deployment
- / Advanced data explorer views
- / Data quality rules synched with the latest CMS guidance to which you are held
- / Access to training and T-MSIS experts that help every step of the way
- / **Fast results.** Get your data quality dashboard on your schedule, without waiting on systems you don't control.
- / **Sandbox.** Submit your data as frequently as you like and from any IT environment! Do a test run to see if the changes you made have the impact you expect.
- / **Cloud-based.** Imersis uses scalable cloud processing to load your files and run the measures concurrently for the fastest performance, even on large data sets.
- / **Load.** Imersis loads your monthly T-MSIS federal submission from the native T-MSIS mainframe file format that you already use.

## The technology stack



## Pricing

- / Annual subscription to use Imersis is tiered based on Medicaid enrollment volume
- / Eligible for CMS 90/10 enhanced federal funding match for Design, Development, and Implementation (DDI) and 75/25 enhanced federal match for Operations and Maintenance (O&M)

## Want more information?

To learn more about how Imersis can help you improve your program, reach out to us at [imersis@newwave.io](mailto:imersis@newwave.io)



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