

# Improved outcomes with mPower Clinical Analytics

Ushering in the new era of AI with a cloud-based HITRUST CSF-certified solution.

Radiology organizations must continually monitor and improve clinical quality, report on outcomes, and meet business goals. Nuance mPower Clinical Analytics provides expertise and technology to drive better information awareness, availability, and access—and help make data actionable.

## Insights, not just data

Cloud-hosted mPower delivers real-time clinical intelligence to unlock actionable information that helps drive improved clinical and financial outcomes. Together, Microsoft + Nuance harness AI-powered speech and language technologies to extract, visualize and report on your data within a single, user-friendly solution. These advanced capabilities go far beyond rules-based algorithms to identify and correlate relevant information from multiple sources to support data-driven decisions.

## Impact patient care and the bottom line

- **Slice and dice your data for insights that matter.** Leverage AI to arm teams with data they can trust and a system they can easily use.
- **Analyze the past to improve the future.** Get meaningful information that reveals strengths and areas for improvement, such as length of stay, imaging appropriateness, or critical results communication.
- **Close the loop on follow-up recommendations.** Extract up to four follow-up recommendations from a report and identify overdue exams to enable tracking and reduce risk of adverse outcomes.
- **Facilitate outcome and quality measure reporting.** Identify and track quality events and relevant KPIs, including MIPS and ACRad metrics.
- **Combat burnout.** Design policies and procedures that streamline operations, improve efficiency, and boost satisfaction.
- **Drive practice profitability and value-based care initiatives.** Analyze and monitor processes to support performance improvement and revenue optimization.

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## KEY BENEFITS

- Evaluate outcomes and quality.
- Facilitate consistent follow-up recommendations.
- Drive case volume and revenue.
- Merge performance data with quality metrics for a more complete picture.
- Promote findings notification compliance.
- Identify errors and omissions to reduce medico-legal risk.
- Streamline AI validation and accelerate adoption.
- Address imaging appropriateness and length of stay.
- Analyze productivity and efficiency.
- Integrate analytics capabilities across the Nuance Diagnostics portfolio.
- Support research initiatives.<sup>1</sup>

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<sup>1</sup> To date over 200 peer-reviewed and published research articles have cited mPower as the data-mining engine utilized.

## Powerful tools support improved outcomes

An interactive approach instantly provides easy-to-understand information that eliminates time-consuming data mining and analysis—for an in-depth look at key metrics.

- **Enterprise search.** AI-powered proprietary search enables users to quickly and easily collect relevant data and build data sets for research and analysis.
- **Quality analytics.** User-friendly tools and dashboards enable organizations to monitor performance and clinical outcomes to affirm radiologists' value in the care continuum.
- **Findings analytics.** Language understanding models extract and track measurements, scores, and assessment data to facilitate outcomes reporting and quality improvement.
- **Business analytics.** Detailed reports uniquely support optimizing and refining business processes.
- **Automatic notifications.** Programmable alerts notify users when a new report meets specific search criteria such as a critical result or research opportunity.

## Mobilize for success with results-focused analytics

- Monitor and improve clinical and financial performance.
  - Mismatches for laterality, sex, age, limited vs. complete ultrasounds
  - Critical results and notification documentation
  - Follow-up detection with auto-closure
  - Quality measure compliance (MIPS and ACRad)
  - Custom data sets to compare and validate AI models
- Populate PowerScribe Follow-up Manager worklists automatically to help monitor and manage follow-up compliance.
- Analyze multiple variables simultaneously, build custom graphs, view real-time dashboards, and display cumulative data with ease.
- Correlate radiology and pathology reports to help confirm recommendation appropriateness, avoid misdiagnoses, and minimize repeat procedures.

## LEARN MORE

[nuance.com/mpower](https://nuance.com/mpower)



## About Nuance Communications, Inc.

[Nuance Communications](https://nuance.com) is a technology pioneer with market leadership in conversational AI and ambient intelligence. A full-service partner trusted by 77 percent of U.S. hospitals and more than 75 percent of the Fortune 100 companies worldwide, Nuance creates intuitive solutions that amplify people's ability to help others. Nuance is a Microsoft company.

## POWER IN THE CLOUD

mPower Clinical Analytics is a HITRUST CSF-certified and SOCII compliant solution that harnesses the secure and robust technology of the Microsoft Azure cloud platform. Combined with our advanced NLU technology, you can be confident in the precision, accuracy, and reliability of your results.

- **Faster innovation delivery and easier upgrades** minimize service disruptions.
- **Enhanced security** through industry-leading cloud platform technology instills confidence.
- **Reduced total cost of ownership** through reduced IT footprint and maintenance burden improves bottom line.
- **Advanced data cleanup and data handling** accommodate multiple facilities and data sources.
- **Individualized radiologist dashboards** summarize quality events, follow-up recommendations, and productivity.
- **Customer success executive** helps optimize your system to achieve meaningful results.

*Nuance values data privacy and does not keep your data longer than reasonably necessary. Our data retention policy defaults to 7 years within the hosted environment.*