ePROmeasure-WS

Implementing ePRO?
We Make It Easy →

About ePROmeasure-WS ™

With hundreds of ePRO measures from PROMIS, DSM-5*, FACIT, RAND and more, already coded and fully tested, ePROmeasure-WS allows a third-party application to easily administer any of these ePRO measures, score the responses, and report the assessment results; all through simple and secure backend Web Service calls behind the scenes, and without changing the user experience.

License pending

Access to Hundreds of ePRO Measures from Your Own System!

Turnkey solution to add secure ePRO measure administration, scoring and reporting capability to your own system.

Secure RESTful APIs
Easy and secure integration

Using industry standard RESTful APIs, ePROmeasure-WS can be easily integrated into your system no matter if your system is a website, a mobile app, or an enterprise system, or what programming language and OS/device it is implemented with.

Hundreds of PROMs
Hundreds of PRO Surveys – coded and fully tested

Can't find a validated PRO measure in our library? We'll add it for free! There's no need to worry about branching logic, scoring algorithms, and tedious testing steps... We take care of the coding, branching logic, scoring algorithms, and even licensing.

CAT IRT Engine
Most advanced measurement model

Want to add IRT/CAT/IRT-based PROMIS Item Banks and Short Forms into your system? We have them ready for you to use right now, directly and completely from your own application without going through the PROMIS Assessment Center.

Usage-Based Pricing
Affordable, fair, flexible pricing

Our usage-based pricing for ePROmeasure-WS offers a flexible and fair model that rewards large-volume customers with volume discounts while keeping the price affordable for low-volume customers to pay for only what is actually needed.

www.epromeasure.com
ePROmeasure-WS is developed by BrightOutcome, Inc.

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Why ePROmeasure-WS?

The use of Electronic Patient-Reported Outcomes (ePROs) in clinical practice is expected to catapult as the implementation of Meaningful Use (MU) is gaining speed. ePROs can be used in such MU contexts as patient/family engagement, patient safety, clinical processes, and self-management. The use of PRO Measures (PROMs) to define PRO-based Performance Measures as potential MU Clinical Quality Measures is being actively worked on.

BrightOutcome's Measure-Inform-Empower™ (MIE) paradigm is our vision of true patient-centered HIT solutions, which measure patient health status and use PROs to inform clinical decision-making and empower patient self-management across the continuum of care. Our ePROmeasure-WS, a set of Web Services for PROM administration, scoring, and reporting, is the technical foundation of all of our own MIE solutions and can be easily leveraged for your MIE-like solutions as well. A third-party application, be it a website, a mobile app, or an enterprise system in any programming language on any OS/device, can easily integrate with the secure RESTful APIs in ePROmeasure-WS to instantly access hundreds of validated and fully tested PROMs, including the IRT/CAT-based "adaptive" PROMs from the NIH PROMIS project.

What are Web Services?

Web Services are a common system integration approach allowing software like ePROmeasure-WS to expose its business functions to third-party applications typically over the Internet using secure HTTP protocol. The calling application, such as your system, can be a website, a mobile app, or an enterprise system, and can be in any programming language and on any operating system and device.

What is CAT/IRT?

IRT/CAT stands for "Item Response Theory/Computerized Adaptive Testing." IRT focuses on items, employing advanced measurement models and estimated item "difficulties" to score responses. CATs provide individualized assessments tailored to each person's responses by administering "harder" items as IRT scores increase or "easier" items as they decrease. The IRT/CAT approach to measurement yields maximum score precision with minimal respondent burden, often requiring only 4-7 items to achieve the equivalent precision as traditional, much longer, PRO measures.

Secure RESTful APIs **Hundreds of PROMs** **CAT IRT Engine** **Usage Based Pricing**

Feature Summary:
- ✓ Simple secure RESTful APIs for PROM administration, scoring, and reporting.
- ✓ Hundreds of PROMs, including PROMIS, DSM-5*, FACIT, RAND, and more.
- ✓ Advanced CAT IRT engine, supporting all PROMIS Item Banks and Short Forms.
- ✓ Affordable prepaid tiered usage-based pricing with academic discounts.

Why BrightOutcome?

BrightOutcome's mission is to develop PRO-based HIT solutions to produce better and brighter outcomes for patients in a variety of clinical contexts. We offer both Software-as-a-Service solutions and on-premise deployment options. We have received more than 15 grants/contracts from NIH/CDC, and have collaborated with more than a dozen top-ranked academic institutions and patient care organizations in product development and evaluation endeavors. BrightOutcome is a minority-owned small business