Hammurabi, a Division of Xchange Benefits, Unveils AI Platform That Revolutionizes Medical Stop Loss Underwriting

ARMONK, N.Y.—(BUSINESSWIRE)—Hammurabi, a division of accident and health managing general underwriter Xchange Benefits LLC, a subsidiary of Octave Specialty Group, Inc. (NYSE: OSG), has unveiled an artificial intelligence platform that fundamentally transforms how medical stop loss insurance is underwritten, replacing a traditionally labor-intensive process with near-instant risk prediction and pricing accuracy.

Designed to deliver efficiencies in the $40 billion medical stop loss market, Hammurabi's proprietary neuro-semiotic models apply advanced machine learning to predict employer health risk with speed and precision. The result is a dramatic reduction in standard market underwriting timelines—from days to minutes—while delivering accurate pricing and actionable insights for both employers and producers.

Medical stop loss coverage protects employers with self-funded health plans from catastrophic healthcare claims. Hammurabi's technology processes unstructured documents, predicts health claims with greater precision, and generates proposals that combine maximum competitiveness with disciplined loss control.

"Insurance as we have known it is about to be radically changed by AI," said Hammurabi founder Daniel Zoughbie, a complex systems scientist from the University of California, Berkeley. "Rapid advances in technology will require insurance models to shift from sharing in largely unknown risks to modifying shared, largely known risks. Hammurabi is poised to lead this revolution in medical stop loss insurance."

The Hammurabi platform was developed by multidisciplinary scientists from UC Berkeley's SkyDeck program, combining expertise in complex systems, public health, and machine learning.

Industry leaders have already begun integrating Hammurabi's technology into stop loss underwriting operations. Xchange Benefits recently made a strategic investment in Hammurabi's technology and established a Hammurabi-branded underwriting division.

“The word ‘excited’ gets thrown around a lot these days, but I can genuinely say that the Hammurabi initiative for Xchange has me extremely excited,” said Peter McGuire, President and CEO of Xchange Benefits. “Hammurabi brings a level of pricing accuracy and speed that producers will be impressed by.”

About Xchange Benefits

Founded in 2010, Xchange Benefits, LLC is a diverse group of business units focused on the global insurance and reinsurance industry. Led by a team who have industry leading experience, Xchange Benefits underwrites, consults, creates products, creates retail distribution, structures risk, transacts reinsurance, advises on capital deployment and most importantly, listens to its clients. Xchange Benefits is headquartered in Armonk, N.Y., and has an office in Indianapolis. It is a subsidiary of Octave Specialty Group, Inc. For more information, visit www.xbllc.com.

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