BRIAN **BRAZILL**
Senior Consulting Engineer

Brian Brazill, Senior Consulting Engineer, joined Modality Solutions in July 2014. Brian's roles have been challenging and varied. In his position, he primarily assists in shipping validation in preparation for regulatory submissions, which includes completing essential tasks such as developing validation strategies, risk assessments, mitigations strategies, qualification studies, and creation of supplemental documents.

Brian also designs and conducts studies within Modality Solutions' Advantage Transport Simulation Laboratory™. Brian works with clients to concurrently replicate the five critical environmental hazards that impact their product quality: temperature, shock, vibration, humidity, and pressure.

Brian attended Purdue University, where he received his degree in Chemical Engineering. Brian brings his study and passion for chemical engineering to the study of environmental stresses on biologics and vaccines, diagnostics, solid oral formulations, and combination medical devices during transport for each stage of the development process.

Brian has also extensively worked with both active and passive thermal shipping solutions. He has designed and evaluated solutions and has conducted qualifications on ocean shipping lanes.

Brian has assisted clients in bringing more than a dozen biologics to markets in the United States, European Union, and Canada and has helped clients generate responses to regulatory agencies. In addition to getting biologics to market, he has created cost models to help identify and implement cost-saving opportunities in supply chains for those products.

In his role of senior consulting engineer, Brian is well-positioned to work together with clients to help them design products better, faster, and more cost-effectively. He also applies computer programming to client projects and has mastered several languages, including Matlab, Visual Basic, and Python.

Education

Bachelor of Science, Chemical Engineering   Purdue University