



**System validation is the process of checking that a system is fit-for-purpose as defined by functional requirements and standards as set out in the project specifications. The cost and time associated with not correctly validating a system can contribute to a significant impact during project implementation. Incorrect System validation can also add additional risk to the operating plant and contribute to the unreliable and unpredictable operation.**

At Triple i, our Engineering and Technology team takes the burden out of validation with strategies and processes developed through experience. We provide cost and time-effective solutions to validation testing and have proven to deliver outcomes as per clients' needs.

Our dedicated team of validation experts develops and implements system validation techniques based on industry standards, best practices, and knowledge. Our engineers' services are adapted and tailored to meet your project and organisational needs, leveraging the right technology and latest software to ensure your system operates as specified.

Our proven validation processes and systems can be used throughout various stages of system integration work's design and testing phases. Our test facilities allow for the setup, simulation, and process response interaction with your control system and operator SCADA systems.

Our risk-based approach to system validation ensures that our testing is detailed and documented in a format that is easy to understand. This ensures you have the data to prove validation and information on specific tests conducted and provides traceability long term. We collaborate closely with relevant teams in QA, OT, IT, and software vendors to ensure our strategy is aligned with requirements, resources, and user functionality across the industries we operate.

Training you and your team on how to effectively use a new system is another important consideration. Our Engineering and Technology team uses a validation system that also allows you to train your operators before plant start-up. Additionally, we can help in onboarding new operators and maintainers in your site operations. With documented manuals where necessary, you and your team will have the resources to help with new and existing staff training.

Are you burdened with a system that is unreliable? Is your system proving unpredictable in some instances? Do you need help with training your team with new or changed aspects of your operations? If yes, give us a call today! We can help with system validation and ensure all staff hit the ground running on its launch day.

Visit our website [www.triplei.com.au/engineering/](http://www.triplei.com.au/engineering/), or call us today at 1300 422 444.



**INTEGRATION - INNOVATION - INSIGHT**