



Delivering Automation Projects: Engineering Challenges

In the past, most global manufacturing corporations had a large engineering staff that delivered capital projects. Nowadays, the trend is to leverage external engineering and construction companies to perform that work. This method of delivering capital projects presents some difficult and unique challenges, especially for automation projects.

Brillig has faced these challenges time and again in our work with major pharmaceutical and E&C Companies. By developing effective lines of communication and integrating work processes with the project schedule, Brillig keeps projects on track and keeps the project information flowing.

Challenge	Brillig Solution
Coordination of process design performed at the engineering company.	➔ Brillig will facilitate communication and ensure integration with the process design.
Transferring knowledge of requirements from the owner's personnel to the engineers in the engineering company.	➔ Brillig engineers understand process automation technology and we know what information needs to pass from the owner to the engineering company and third-party integrators.
Finding qualified resources, especially for highly specialized tasks	➔ Through alliances Brillig will supply the qualified people necessary to execute the work on an as-needed basis, eliminating unnecessary overhead.
Integrating the many owner activities outside of the engineering work into an overall schedule for the whole project to be successful.	➔ Brillig is dedicated to providing and managing an integrated schedule and has the metrics to monitor and control the project every step of the way.

Brillig managers and automation engineers have many years of successful experience working for both engineering companies and manufacturing companies. We understand the problems and we know how to solve them!