

# SYSTEM ENGINEERING



## ENGINEER YOUR SOLUTION

At Blentech we take the time to talk about the details that can derail your project down the line. This process of controlled thought out design reduces risk and helps us align our teams with clear lines of project scope. Accuracy of design and layout eliminates confusion and excess costs at startup. Use what is discovered in a process audit or what others have used in the past. System and project development is complex and requires a careful, experience approach. Blentech has been designing, building and installing innovative systems for 30 years. Let us engineer a detailed solution for you.

### PROCESS FLOW SKETCH (PFS)

- There are many ways to bake a cake. We start by sketching out your options and laying out the pros and cons. Our experience in the industry lets us “back of the napkin” each process.

### GENERAL ARRANGEMENT DEVELOPMENT (GA)

- Coordinate the details of a P&ID with the space you have to ensure ergonomics and work flow efficiency.

### PROCESS FLOW DIAGRAM (PFD)

- Dive further into the process you choose with a detailed diagram to see what components you need and where.

### AUTOMATION ARCHITECTURE PLAN

- Architect how computers interact from high to low level. Understand and map out the connections before they start being made.

### PIPING AND INSTRUMENTATION DIAGRAM

- We size and define every component of your equipment and build in your utilities and process. Each component is broken down and defined to ensure accuracy and responsibility.

### FUNCTIONAL DESCRIPTION

- Learn faster and train smarter for years to come.

Whether alone or together each resource can be a valuable asset for your team. Save time and money by walking through all the decisions to do it once and do it right. Never be caught off guard again and avoid the finger-pointing between you and your vendors when starting up your system.



2899 DOWD DRIVE, SANTA ROSA CA 95407  
T: 707.523.5949 | BLENTECH.COM | F: 707.523.5939

For full product details please visit us online:

Q SEARCH: SYSTEM ENGINEERING