



## Laboratory Systems Solutions – LS2

We bring real world, hands-on experience to the technical challenges of today's advanced technology laboratory, teaching, research and production facilities. LS2 will work collaboratively with the design team to focus our experience on the problem at hand. Finding the right answer depends on asking the right question, and experience allows us to ask the right questions. LS2 can provide the technical experience and expertise to anticipate the potential gaps between the Architect, Laboratory Designer and Building Engineer. Our goal is to be part of a design team that delivers excellence to Owner's.

### LS2 – Where Technical Expertise creates Insightful Solutions

#### SERVICES

##### Systems Engineering

- HVAC Design
- Process Piping
- Special Gases
- High Purity Water
- Special exhaust/filtration

##### Programming/Planning

- Space Planning
- General Equipment Arrangements
- Process Architecture
- Work flow diagrams
- Adjacencies

##### Code Analysis

- IBC, UBC, SBC, NFPA
- ISO Compliance
- FDA 21 CFR's
- BMBL for BSL Spaces
- Animal Facilities

#### REPRESENTATIVE PROJECTS:



##### John A. Burns School of Medicine

University of Hawaii, Honolulu, HI

JABSOM is a state of the art medical training and research facility dedicated to training physicians in anatomy, physiology and research. Facilities include chemistry and biology labs, anatomy labs, and an extensive animal facility.



##### University of California San Diego Cal IT2

La Jolla, CA

Cal IT2 is a full research facility dedicated to the development of new techniques in wafer and chip substrates. Facilities include photolithography, and MOCVD process development. Classified spaces range from ISO 8 (Class 100,000) to ISO 5 (Class 100).



##### FAU/Scripps Research Joint Use Facility, Phase I

Florida Atlantic University, Jupiter, FL

The Joint Use Facility is a state of the art life science research lab focusing on microbiology. Facilities include numerous mass spectrometers for automated analysis, and automated sequencing robot, and a research vivarium.