

1 CAPACITY

- 60 Racks
 - 19 x 2, Long Pods
 - 11 x 2, Short Pods
- Dedicated Research Group Racks
- Shared Rack Space

2

ENVIRONMENTAL/SECURITY MONITORING

- Room and Chilled Water Temperatures
- Room Humidity
- Water Leak Detection
- Security Cameras
- Electronic Keyless Entry

3 POWER

- 480V @ 600A Service
- 208V 3-phase @ 20A (~6kW/Rack)
- Emergency Power (Winter, 2018)

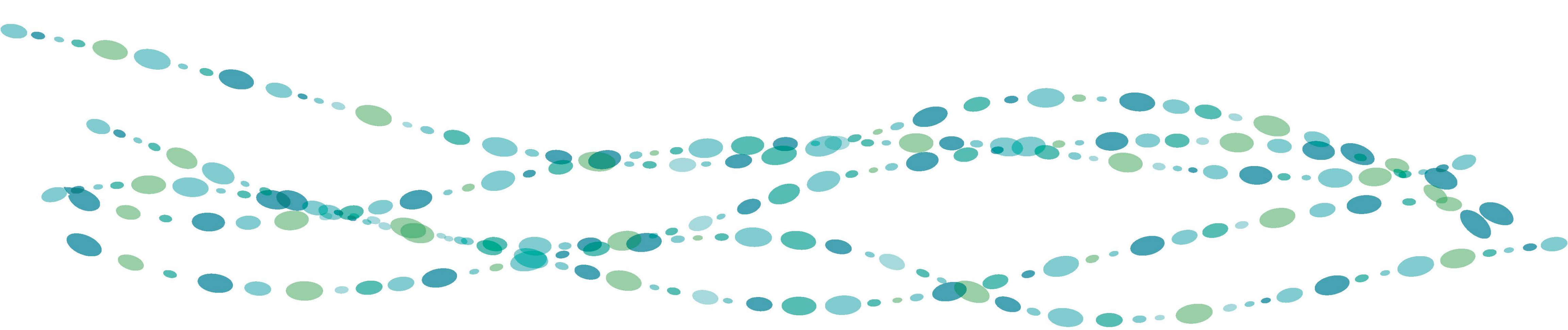
5

FIRE SUPPRESSION - TWO SYSTEMS

- ENCARO-25 Clean Agent - Gas
 - Human-Safe
 - Protects Equipment
- PreAction System - Water
 - Two-Factor Trigger
 - Smoke, Heat, Human Actuated

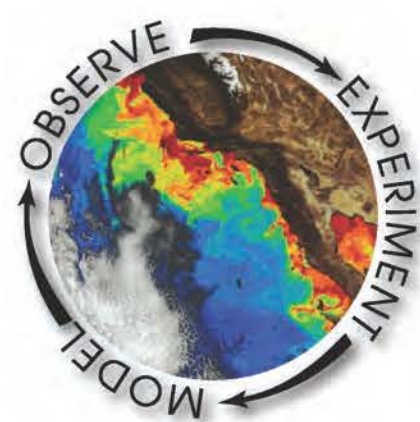
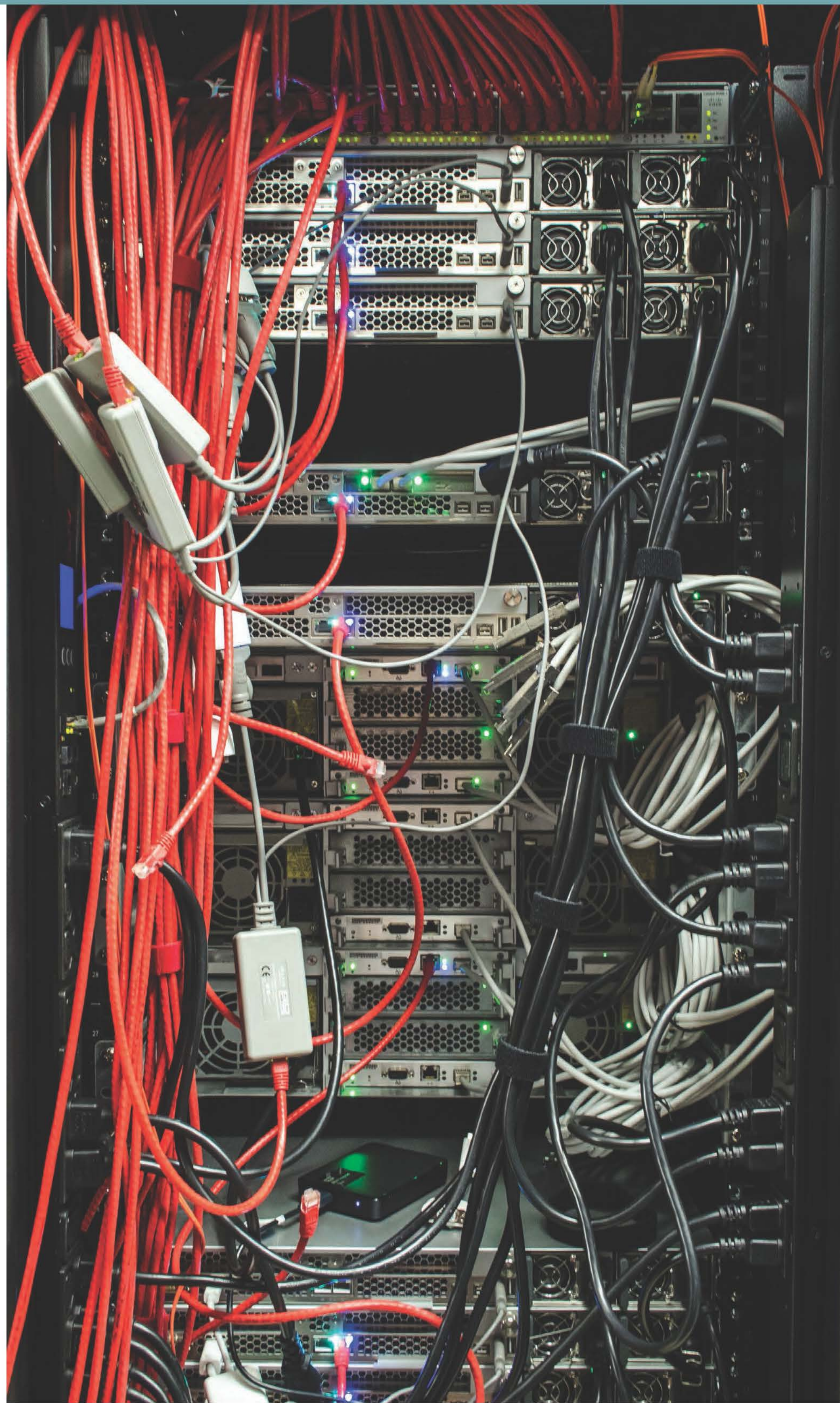
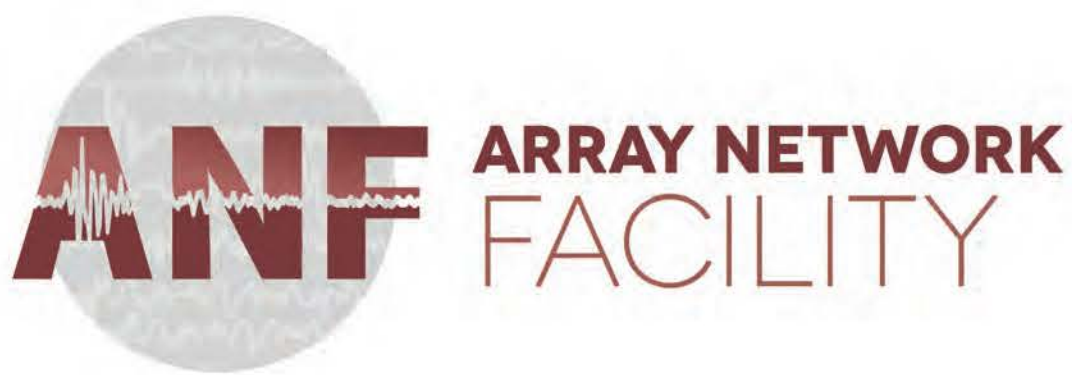
4 COOLING

- Hot-aisle Containment Design
- Each Pod Cooled Independently
- SIO Chilled Water Loop
- External Chilled Water Connection for Portable, Emergency Backup Cooling



SCRIPPS CoLocation Facility

The SIO CoLocation Facility is provided by the Vice Chancellor, Marine Sciences to encourage SIO PIs and Research groups to migrate critical IT Infrastructure out of labs and small (and inefficient) department server rooms and into a secure, controlled, and efficient environment. This facility is provided at no ongoing cost to the SIO research community.



California Current Ecosystem
Long Term Ecological Research

