



# UNIVERSITY OF CALIFORNIA SAN DIEGO CASE STUDY

Offering ongoing COVID-19 testing programs for all University students, faculty and staff.

## OVERVIEW



### Accessibility Factor

UC San Diego needed a solution that would be easily accessible to all students, faculty and staff across the college's campus.



### Ability to Test Multiple People

UC San Diego has over 35,000 students, so it was necessary to discover a solution that can easily and quickly scale to a high volume.



### Reporting Abilities

In order to ensure that everyone was being tested, UC San Diego needed a program that could easily track testing statuses.

## About UC San Diego

UC San Diego is transforming California and a diverse global society by educating, by generating and disseminating knowledge and creative works, and by engaging in public service.



Intelligent  
Dispensing  
Solutions



## CHALLENGE

Since March 2020, the United States has been inundated by the COVID-19 pandemic. As a result of COVID-19, businesses and educational institutions alike have adapted operations and implemented policies to keep their employees and students safe. In order to help reduce the spread of COVID-19 on its campus, UC San Diego recognized they needed to increase accessibility to COVID-19 testing.

**01**

### COVID-19 Pandemic

COVID-19 has changed the way UC San Diego keeps students and staff members safe from COVID-19.

**02**

### A Need to Track Testing

Students and staff members on campus are required to test for COVID-19 on a weekly basis. UC San Diego needed a way to ensure this was being done.

**03**

### Single Point of Use

UC San Diego has over 35,000 students, meaning a single point of use for COVID-19 testing was unrealistic.



**Agnes Wong Nickerson**

Interim Vice President for  
Business & Financial Affairs &  
Chief Financial Officer

"Access to testing remains a critical offering during the ongoing pandemic," said Agnes Wong Nickerson, Interim Vice President for Business and Financial Affairs and Chief Financial Officer at UC San Diego.

"By providing access to this health technology, our students, faculty and staff,

no matter their vaccination history, will be able to quickly and easily access COVID-19 tests throughout the day and into the evening."

## THE PROCESS

In order to help control the spread of COVID-19, UC San Diego implemented COVID-19 Test Kit Dispensing Machines across campus, providing free testing for students and staff members. Once a kit is dispensed, the individual has 72 hours to return the kit. The on-campus lab tests the samples and returns results within 12-24 hours.

Through iQ Technology, UCaplt's software solution, UC San Diego has real-time usage data that is useful for staff planning, budgeting, reporting and compliance purposes.

The system tracks utilization by students and staff to ensure everyone is testing when they should be. For example, those who are unvaccinated are required to get tested twice a week, 3-5 days apart. With this innovative COVID-19 testing solution, UC San Diego officials can track who has tested and who has not been tested, as well as tests that have been returned and tests they are still waiting on. This full visibility allows campus officials to better control the spread of COVID-19.

UC San Diego utilizes the passcode function of iQ Technology for the COVID-19 testing machines. Through iQ Technology, the passcode feature allows system administrators to provide one-time use codes assigned to individual users. An expiration date and time, as well as specific product access is able to be



assigned to each unique passcode.

## THE RESULT

Due to testing and COVID-19 protocols across campus, including mask wearing and social distancing, less than 200 students of the 10,000 living on campus had tested positive for COVID-19 in the first four months of implementation.

Through UCaplt's COVID-19 Test Kit Dispensing Machines, users can access test kits at their convenience 24/7 without staff needing to be on-site. In addition, the machines can be equipped with patent-pending UVC light sanitization technology, UVend Technology. UVend sanitizes the high-touch surfaces of the machine quickly and safely by killing or inactivating up to 99.9% of viruses and bacteria, including the virus that causes COVID-19.

COVID-19 Test Kit Dispensing Machines are located across campus and can be found using the campus' interactive map, making it safe and easy to get tested for COVID-19 and reduce the spread.



Reduce wait time for COVID-19 testing



Help control the spread of COVID-19 across UC San Diego's campus



Keep track of students and staff members who have been tested

Pradeep Khosla UC San Diego's Chancellor says, "The way to think about this is, we are removing the friction associated with testing."

While the COVID-19 pandemic continues to disrupt every day life, campuses across the country are in need of solutions to control the spread, UC San Diego has stayed on top by providing a safer educational experience for students.



**Pradeep Khosla**  
Chancellor

Does your educational institution need an efficient, convenient way to provide COVID-19 test kits and other public health supplies to students and staff? If so, contact UCaplt to schedule a live, personalized demo to see how our iQ Technology can help your organization.