

Lenel Adjustments & Reporting

Presenters:

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Stanford @ a glance

STANFORD UNIVERSITY *at a glance*



Established 1885
Opened Doors 1891

9,390
graduate
students

6,994 unde
rgrad
students

2,276
faculty
members

97% of
undergraduates and
62%
of graduate students
live
on campus

6,800+
externally
sponsored
research projects

\$27.7 billion
endowment
(as of Jun. 08, 2020)

5:1 student
to faculty ratio

8,180
contiguous acres

~700
major buildings
(15.3 million sq. feet)
300+ in LeneL

117 National
Championships
(NCAA Division 1)

\$1.63
billion
total budget

7 Schools: Business,
Earth Sciences,
Education,
Engineering,
Humanities and
Sciences, Law,
Medicine



Rio2016
27 (11 Gold)
Olympic Medals
(top university)

*Prior to Rio, Stanford athletes won a total of 243 Olympic medals
(125 gold, 66 silver, and 52 bronze)*

17 current Nobel laureates (31 total)
4 Pulitzer Prize winners
12 National Medal of Science recipients
2 Presidential Medal of Freedom recipients



Source: <https://facts.stanford.edu/>



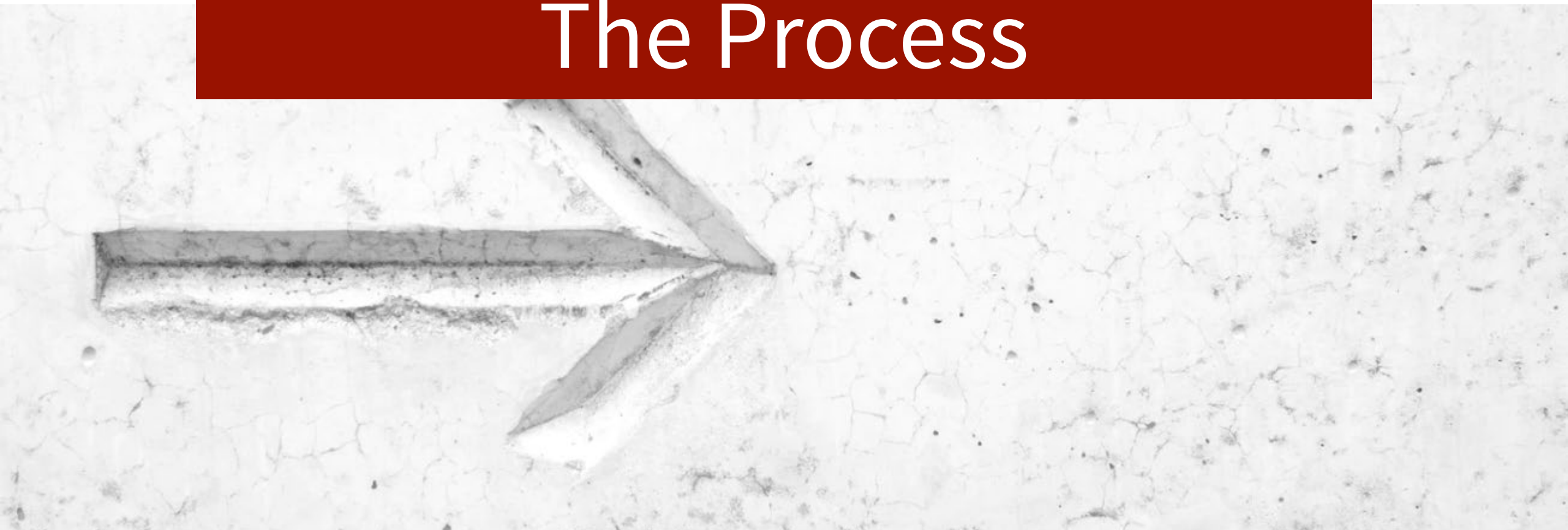
Adjustments

SANTA CLARA COUNTY MANDATE

ORDER OF THE HEALTH OFFICER OF THE COUNTY OF SANTA CLARA

- Identify 1 main entrance per building
- Preferably one that can be used both as an entrance and exit
- Door to remain in Card Only mode
- All other doors will be placed into Locked Mode
- Begin immediate communication to building personnel as a requirement mandated by Santa Clara County

The Process



RECOMMENDED PROCEDURE TO LOCKDOWN BUILDINGS

BUILDING LOCKDOWN GOAL

- Limit building access to ESSENTIAL people
- Lock all exterior readers except for 1 to be placed as Card Only; essential people will use this door
- Interior doors will retain Card Only with Temporary Holiday programming in place

RECOMMENDED PROCEDURE TO LOCKDOWN BUILDINGS

PRE-PROGRAMMING

New Timezone <SEGMENT>-
TEMP using “Always” timezone

Identify exterior door and
“associate” with TEMP access
level

Create new Access level
<SEGMENT>-<Quad-Building>-
ESSENTIAL and grant to
cardholders

DAY OF CHANGE

UNCHECK all day and H
checkboxes for “<SEGMENT>-
TEMP Timezone

Via Alarm Monitoring Lock
exterior doors

Leave essential door in Card
Only Mode

Grant access to essential door

VALIDATE

Requirements change

Validate...

Validate...

Validate...

Reporting

CLASSIFIED 5



REPORTING

COVID-19

**3 organizations (so far) requesting
Lenel Access data for
Contact tracing**

Land, Buildings & Real Estate
Caretakers of a Legacy



Stanford | University IT

incorta.

LAND BUILDINGS AND REAL ESTATE

BUILDING ACCESS DATA REQUEST

- Emergency Operations Center (EOC)
- First organization to request data
- Manually run custom Crystal building access report
- Data is de-identified before providing it to LBRE

BUSINESS REQUIREMENTS:

- Quad-building
- Unique badge count by affiliation
- Temporary badge types are “rolled-up”

RESIDENTIAL AND DINING ENTERPRISES

BUILDING ACCESS DATA REQUEST

- Extended custom Crystal report to provide additional data attributes
- R&DE runs the report weekly
- Data is updated on local server
- Visualization via Tableau and LBRE Stanford University building map

BUSINESS REQUIREMENTS:

- Similar to LBRE
- Quad-building
- Unique badge count by affiliation
- Additional Temporary data clean-up

UNIVERSITY IT – ENTERPRISE TECHNOLOGY

BUILDING ACCESS DATA REQUEST

- Card Services Technical team (James) is developing REST API to extract data live
- Parameters are date/time range
- Considerations are amount of data to extract
- Initial SQL came from Crystal report
- James optimized query and reduced by 50%
- Opportunity: double check custom or OOB Crystal reports

HEALTH CHECK – “support safe return to campus”

- Support strategy:
 - Phased restart of campus operations
 - Compliance with new county order requiring daily temperature and COVID-19 screening
 - Everybody required to self report 1 hour before arriving on campus
- “How will compliance with self-reporting requirement be monitored”?
 - University will monitor response rates and work with groups that are not compliant
 - Employees will be asked to show their onsite access badge to confirm they have been cleared – MobileID



Additional Tools

NORTHLAND CONTROLS CONTAGION

Crystal Report



NORTHLAND
CONTROLS

- Contagion report by Panel
- Contagion report by Reader
- Minute based reporting

Contagion Report

Report Subject: Chip, Charles
Dates Searched: 2/14/2020 to 2/28/2020
Pre/Post Badge Time Span: 12
Contagion Exposure Time: 4

Chip, Charles

(2020-02-14)

Location: FRM 02.01 ANTARCTICA CONFERENCE RM

Exposed Name:

Salamander, John

Mokka, Samantha

Exposure Time Differential:

-0:07

+0:10

(2020-02-14)

Location: FRM 02.01 IDF RM 02.01.236

Exposed Name:

Kontra, Akira

Mallory, Arthur

James, Edward

Southern, George

Exposure Time Differential:

-0:07

-0:02

+3:20

+6:37

(2020-02-14)

DETRIOS COMPUTER SOFTWARE

COVID-19 Exposure Report Tool (CERT)



- Desktop application
- Use badge swipe information to identify possible COVID-19 exposure
- Risk measurement from physical proximity of 2 persons passing through a door

<https://www.linkedin.com/company/detrios-llc>

A screenshot of the 'Detrios COVID-19 Exposure Report Tool' desktop application window. The window title is 'Detrios COVID-19 Exposure Report Tool'. It has a menu bar with 'File' and 'Help'. The interface is divided into two main sections: 'Database' and 'Report'.
Database Section:
- 'Access Control System:' dropdown menu with 'LenelS2 OnGuard' selected.
- 'Database Server Name:' text input field.
- 'Database Name' text input field with 'ACCESSCONTROL' entered.
- A checkbox for 'Use Windows Authentication' is unchecked.
- 'Database Username:' text input field.
- 'Database Password:' text input field.
- A 'Test Connection' button.
Report Section:
- 'Origin Person's Cardholder ID:' text input field.
- Two checkboxes: 'Show Origin Name' (checked) and 'Show Exposed Name' (checked).
- 'Correlation Time:' section with '1' in a box for 'minutes before and' and '5' in a box for 'minutes after'.
- 'Start Date/Time:' dropdown menu with '06/08/2020 12:00 AM' selected.
- 'End Date/Time:' dropdown menu with '06/08/2020 11:59 PM' selected.
- 'Reporting Period Timezone:' dropdown menu with '(UTC-08:00) Pacific Time (US & Canada)' selected.
- A 'Generate Report...' button.
Footer:
- Detrios logo and text: 'Developed by Detrios', 'https://www.detrios.com', 'info@detrios.com'.
- Northland Controls logo (a bear head) and text: 'support from Northland Controls', 'https://www.northlandcontrols.com'.
- Converqint Technologies logo and text: 'support from Converqint Technologies', 'https://www.converqint.com'.



Q & A

Please submit questions via Zoom chat