



NUCLEOS

CASE STUDY

Proof of Concept with San Francisco Sheriff's Office

MAKING SECOND CHANCES HAPPEN

January 2021

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Proof-of-Concept Goals with San Francisco Sheriff's Office

CASE STUDY

SOLUTION OVERVIEW

Nucleos delivers a secured Learning Platform that integrates existing and new digital learning resources into one platform for ease-of-use and management, which provides a gold standard for correctional and re-entry learning platforms.



- Implement an all-in-one digital learning & rehabilitation platform for use by community-based education and training providers for the SF Jail.
- Personalize education resources and interventions for each individual student.
- Provide a centralized learner record for all people who are participating in education programs.
- Maintain an adaptable platform which will allow the addition of new resources.
- Analyze outcomes and track learning data to enable performance-based evaluation of different education programs.
- Deliver a secure Internet platform for education, vocational training, social & emotional wellness within a streamlined platform.
- Deliver the Nucleos platform on the existing Chrome tablet hardware used by SFSO.
- Provide time-saving measures such as single sign on, automatic rostering, and security filtering as service with all partner content integrated on the Nucleos platform.
- Maintain an utmost level of security, while facilitating access to high-quality education content.

Nucleos and San Francisco County Jail

Case Study: San Francisco Sheriff's Office (SFSO)



Commodity hardware,
secured networks

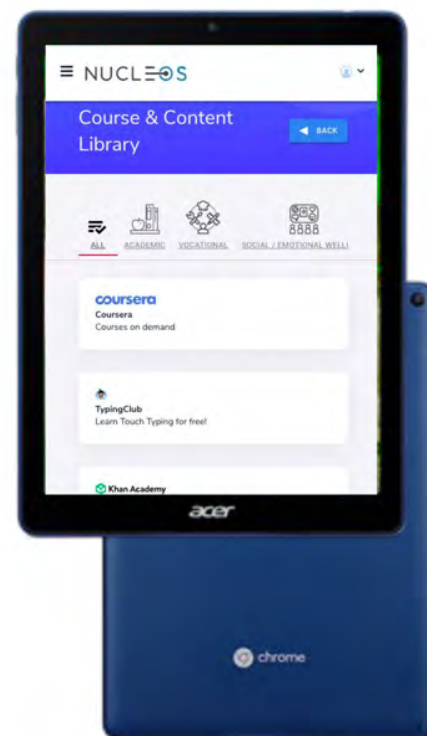
Off-the-shelf
Chromebook Tab 10"

Nucleos:

- Learning platform
- Secure network filtering (optional add-on)

Nucleos platform provides access to a wide-range of filtered web content for SFSO:

- Coursera (vocational certificates and courses)
- Goodwill Community Foundation Learn Free
- Khan Academy
- Canvas LMS
- Zoom instruction with agency education staff



Case Study: San Francisco Sheriff's Office (SFSO)

Benefits

Instructors & Administrators

- Reduce recidivism with high-quality programs and comprehensive learning records
- Understand which programs are driving the most value and how to improve outcomes
- Expand access to correctional education and training programs cost-effectively, using existing educational staff
- Save staff time via automated data entry

Students

- Increased access to education programs and courses
- Resumption of academic programs during Covid lockdown
- Gain academic, job, and life skills for release
- Gain education credits toward sentence
- Mental health and domestic violence courses to support healthier lifestyles

 coursera

 zoom

 canvas

 Khan Academy

 GCF
LearnFree.org

Abilities

Instructors & Administrators

- Administer distance programs & support face-to-face programs
- Track usage toward parole/probation credits
- Use learning management system with instructors
- Message students
- Conduct remote video classes with existing instructional staff
- Provide access to leading vocational certificate, life skills, & academic programs

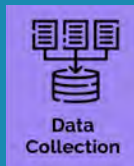
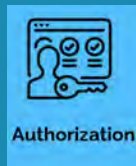
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Case Study: San Francisco Sheriff's Office (SFSO)

Technical Overview:

A Secure All-in-One Cloud Platform for Education & Training



For correctional settings such as SF Jail, Nucleos provides a secure and locked-down video classroom, controlled and accessible by San Francisco Sheriff's Office instructional partners.

"Nucleos works really well!"

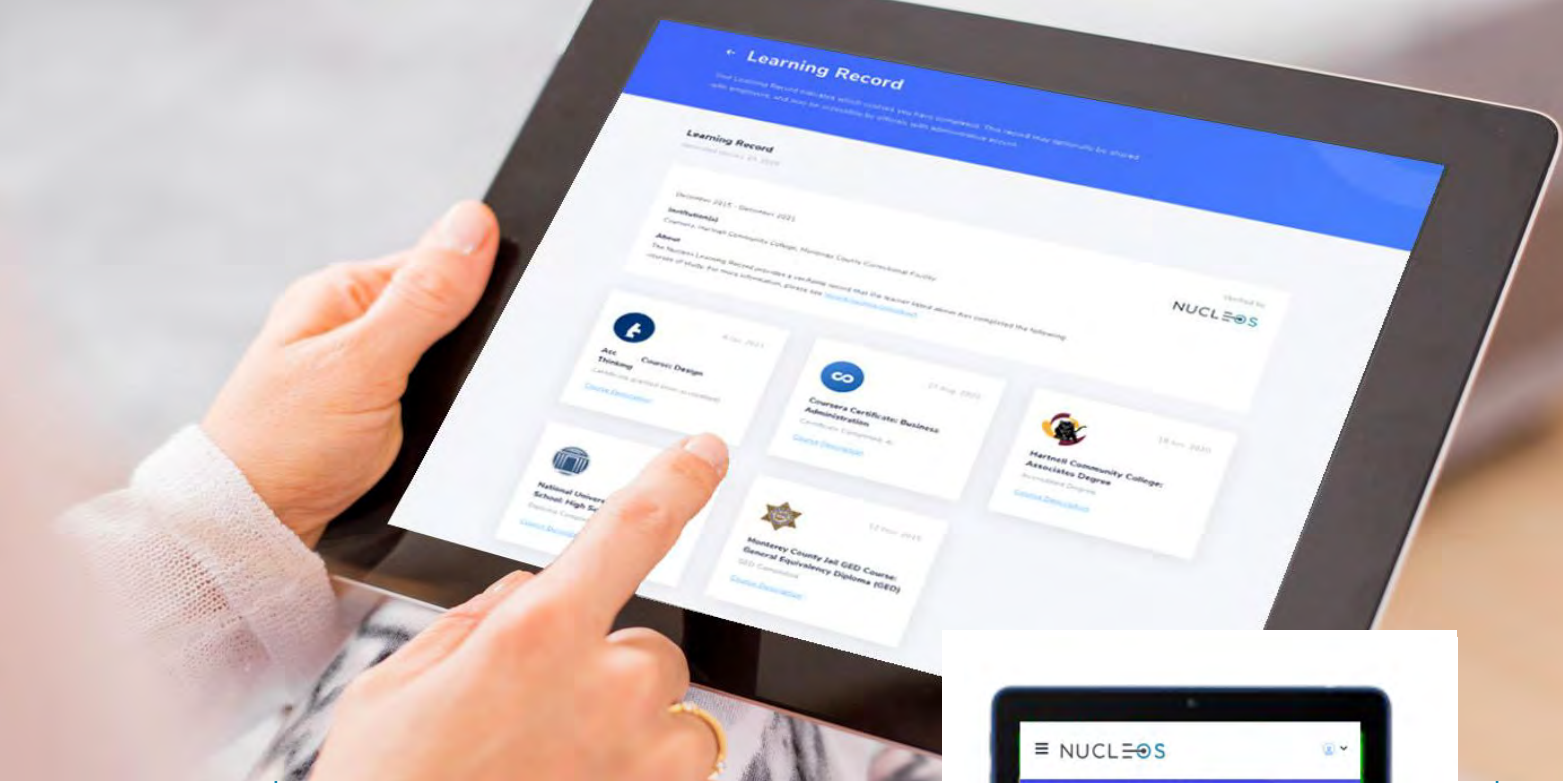
Community-based Program Director, San Francisco Sheriff's Office

It's very exciting to be able to reach the men and do real work!"

"In general, finding a quality, flexible, all-in-one website/platform with good security is one of the biggest challenges I face. **The Nucleos platform solves this challenge for me.**"

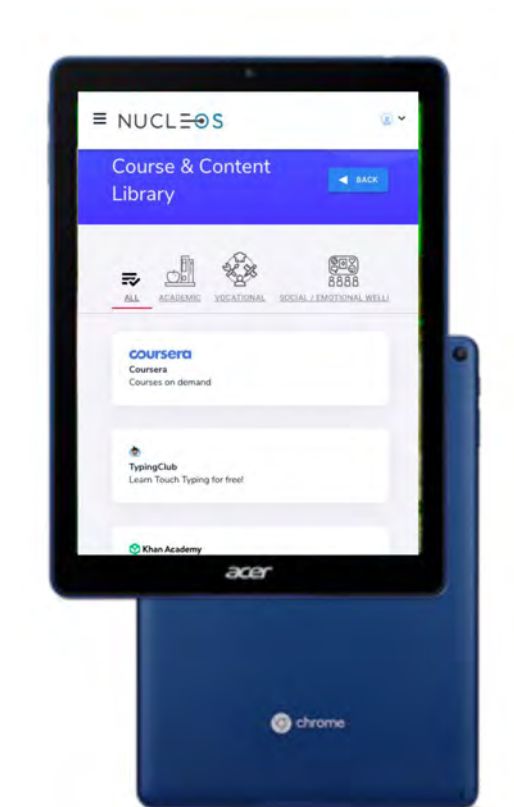
Juvenile Corrections Lead

Case Study: San Francisco Sheriff's Office (SFSO)

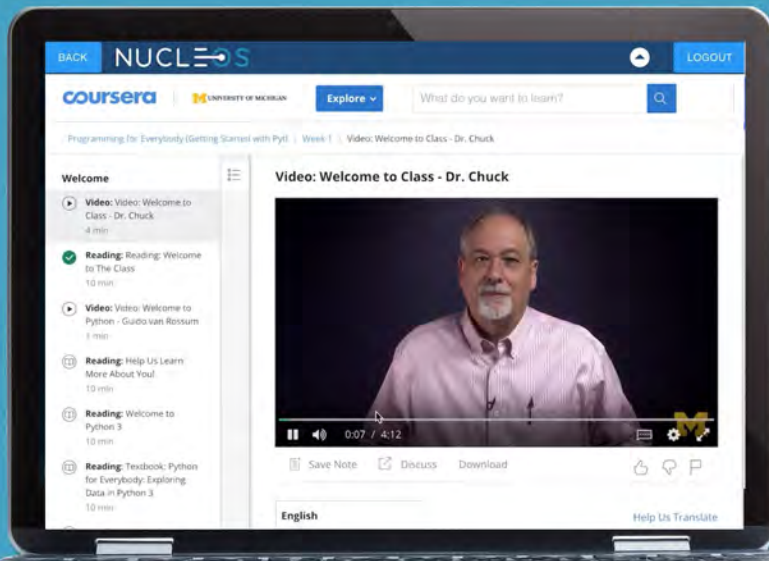


**Department
of Corrections
Education
Director**

“Nucleos provides a robust education platform that can integrate everything we need, including high school diploma, vocational certificate, and degree-granting programs, unlike other vendors which only provide limited fixed education content.”

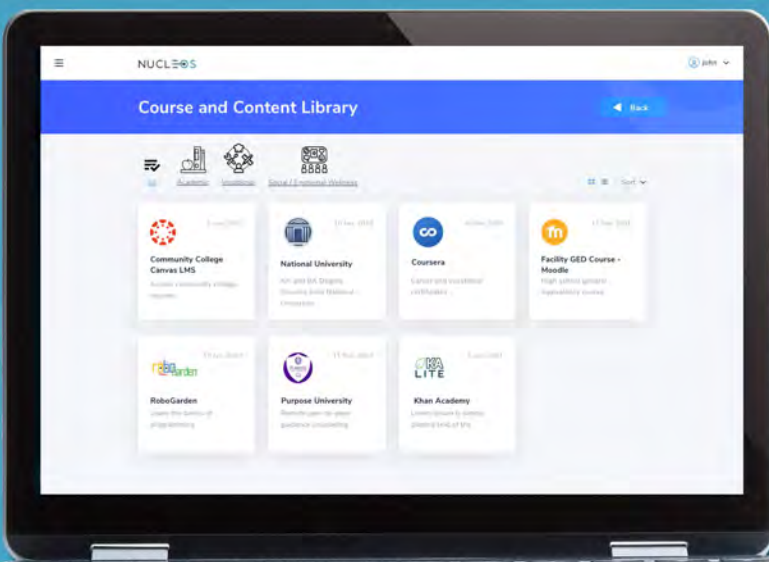
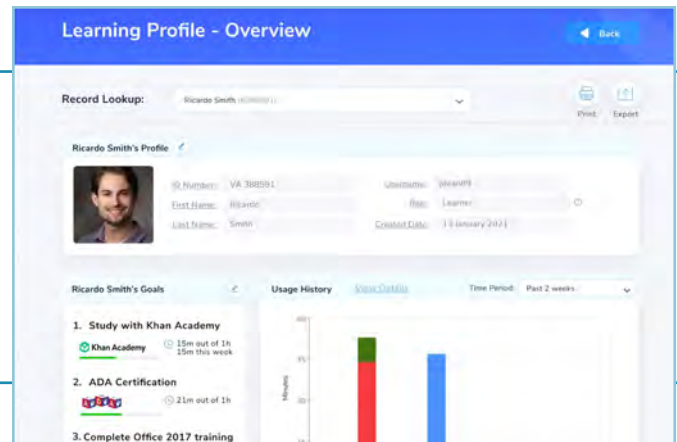


Case Study: San Francisco Sheriff's Office (SFSO)



Nucleos aggregates and secures leading proven online programs

Create persistent learning records for parole, transition & employment



Dynamically access and integrate high-quality e-learning programs

Case Study: San Francisco Sheriff's Office (SFSO)

The screenshot shows a user's profile page in Nucleos. Under "Goals", there are two items: "Study with Khan Academy" (1h 0m out of 1h 0m this week) and "Weekly call with Man Alive" (Attend 8 hours of Man alive course instruction with counselor, 1h 0m out of 8h 0m remaining). Under "Learning Progress", there are three items: "RSVP" (Coursework Started, Last Activity: 1/7/2021), "Learning How to Learn: Powerful mental tools to help you master tough subjects" (Coursework Started, Last Activity: 1/1/2021), and "Get ready for Algebra 1 - Variables, expressions, & equations" (Coursework Completed, Last Activity: 12/28/2020).

Course progress is tracked against programming goals, and a **holistic learning records** provides learning progress, score, and completion data automatically gathered from all 3rd-party apps on the platform.

This screenshot shows Ricardo Smith's profile. His ID Number is VA 388591, Username is jsmith3, First Name is Ricardo, Last Name is Smith, Role is Learner, and Created Date is 13 January 2021. Under "Ricardo Smith's Goals", there are three items: "Study with Khan Academy" (15m out of 1h 15m this week), "ADA Certification" (21m out of 1h), and "Complete Office 2017 training" (Completed). The "Usage History" chart shows minutes spent on various apps from 12/29/2020 to 01/11/2021. Under "My Courses (active)", there are several courses listed, including "ADA Basic Building Blocks", "HIS 101 - American History", "ENGL 206 Gender Studies", "Diversity & Inclusion", "English 101", and "Critical 1". Under "Ricardo's Learning Progress", there are three items: "NOVA Northern Virginia Community College: Linear Algebra" (Course started, Last Activity: Module 2 -- Business Strategy Assignment 3, Feb 25, 2019), "Compliance and Accessibility Regulations" (Coursework Progress - 21%, Last Activity: 2020-03-11 7:34), and "ReadTheory" (Course started, Grade Level: 11.7, Last Activity: 2020-03-11 7:34).

The screenshot shows "Activity by Date" with a bar chart for 01/14/2021 and 01/15/2021. The chart shows minutes spent on Canvas SFSO (blue), Khan Academy (red), and Zoom (green). Below the chart is a table of activity:

Activity	Application	End	Time Spent
Khan Academy	Khan Academy	01/15/2021	0 m
Dashboard Khan Academy	Khan Academy	01/15/2021	33 m
Thank you - Zoom	Zoom	01/15/2021	4 m

Nucleos provides detailed **usage history** off all coursework, earning participants as San Francisco County Jail **reduced time** off of their **sentences**.

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[NUCLEOS.COM](https://www.nucleos.com)