+ KIOSK POWER, DATA, AND BRANCH REFRESH

POWER FOR NEW KIOSKS. NO CORING. LOWER PROJECTED COST.

NGFCU needed new self-service kiosks in the middle of the bank. ASI carried power and data beneath the carpet, then renewed the lobby flooring and paint around the new customer experience.

7,897 SF
BRANCH FOOTPRINT

50%
LOWER PROJECTED DELIVERY COST VS CORING

2,610 SF
NEW CARPET TILE



OVERVIEW

CHALLENGE

Create powered, connected kiosk positions in the middle of the public lobby where no floor-level infrastructure existed, without the shutdown, dust, and recovery required for traditional concrete coring.

ASI APPROACH

ASI designed a 42.5 linear foot Connectrac Flex FX route to the new kiosks, then coordinated electrical, low voltage, 2,610 square feet of carpet replacement, lobby painting, furniture, the move, and the technology reset.

RESULTS

- New self-service kiosks received integrated power and data
- 2,610 square feet of new carpet tile and a fully repainted 2,399 square foot lobby and teller environment
- 50 percent lower projected delivery cost versus coring

NGFCU PALMDALE

NGFCU's objective was to add new self-service kiosks in the center of the bank, which required dependable power and data where none existed. ASI replaced a disruptive coring plan with a concealed Connectrac Flex FX pathway, then coordinated the electrical, low-voltage, carpet, paint, furniture, move, technology reset, protection, cleaning, and final turnover as one project.

PROJECT INFO

CLIENT
Northrop Grumman Federal Credit Union

LOCATION
Palmdale, California

BRANCH FOOTPRINT
7,897 square feet

DELIVERY
Two-weekend phased execution

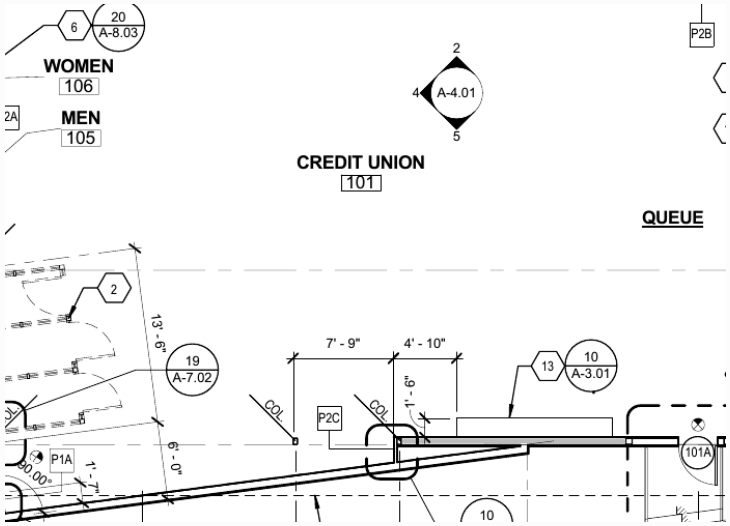
PRIMARY SCOPES
Kiosk power and data, flooring, paint, furniture, move, technology

STATUS
Completed

+ FLOOR PLANS AND SCOPE

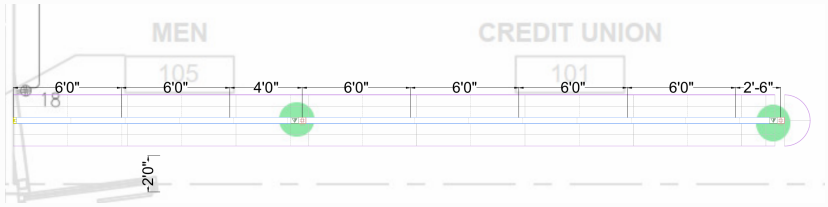
THE BRANCH PLAN DROVE THE SEQUENCE.
THE PATHWAY DROVE THE DETAILS.

The public lobby excerpt shows the customer-facing work zone. The dimensioned pathway plan carried concealed power and data to the new central kiosk positions.



PUBLIC LOBBY PLAN EXCERPT

The public lobby work formed part of the coordinated carpet and paint renewal around the kiosk program.



CONNECTRAC FLEX FX POWER AND DATA PLAN

The dimensioned layout coordinated 42.5 linear feet of Flex FX with two combined power and data monument locations serving the new kiosks.

COORDINATED SCOPE

KIOSK INFRASTRUCTURE

42.5 LF of Connectrac Flex FX delivered power and data to the new central kiosk positions.

FLOORING

Approximately 2,610 SF of carpet tile was replaced across the customer and staff environment.

LOBBY FINISHES

The 2,399 SF lobby and teller area received a coordinated paint, furniture, technology, cleanup, and handoff plan.

+ THE ASI APPROACH

NEW KIOSKS.
NO SLAB CORING.

New self-service kiosks in the middle of the bank needed power and data away from existing walls. ASI routed Connectrac Flex FX beneath the carpet, avoiding slab coring while coordinating the complete branch refresh.

PLAN

ENGINEER THE KIOSK ROUTE

Validate kiosk positions, Connectrac routing, customer circulation, access, protection, and the sequence for every affected trade.

POWER

CARRY POWER AND DATA TO THE KIOSKS

Install a 42.5 linear foot Connectrac Flex FX pathway with electrical and low-voltage connections, avoiding a full weekend shutdown and reducing projected delivery cost by 50 percent versus coring.

FINISH

RENEW THE PUBLIC BRANCH INTERIOR

Replace approximately 2,610 square feet of carpet tile, including all lobby carpet, install cove base, and repaint walls and doors throughout the 2,399 square foot lobby and teller environment.

MOVE

COORDINATE KIOSKS, FURNITURE, AND RELOCATION

Sequence kiosk placement, furniture movement, floor access, construction handoffs, and the final branch layout through one integrated plan.

RESET

RETURN TECHNOLOGY TO SERVICE

Coordinate computer and phone disconnection, relocation, reconnection, and testing, then verify the kiosk power and data endpoints.

PROJECT INFO

CLIENT
NGFCU

LOCATION
Palmdale, California

BRANCH FOOTPRINT
7,897 SF

LOBBY AND TELLER AREA
2,399 SF finish footprint

FLOORING
Approximately 2,610 SF carpet tile

POWER AND DATA
42.5 LF Connectrac Flex FX

STATUS
COMPLETED

TWO WEEKENDS, WITH NO TIME AVAILABLE FOR CORING

The first phase delivered the kiosk pathway, electrical, low voltage, flooring, and furniture interfaces. The second phase completed the 2,399 square foot lobby and teller-area paint refresh, the move, technology reset, detailing, cleaning, and final turnover.

The solution kept the full project focused on opening the renewed lobby with the new kiosk infrastructure ready for service.

+ THE OUTCOME

KIOSKS POWERED.
LOBBY RENEWED.

ASI delivered power and data to the new self-service kiosks without opening the slab, then coordinated the lobby carpet, paint, move, furniture, and technology work through one accountable team.

50%

LOWER PROJECTED DELIVERY COST

The Connectrac Flex solution cut projected delivery cost in half compared with the traditional coring approach.

2,610 SF

NEW CARPET TILE

ASI replaced all lobby carpet and the connected branch flooring around the new kiosk infrastructure.

2,399 SF

PAINTED LOBBY AREA

Walls, doors, and customer-facing finishes were renewed throughout the lobby and teller environment.

WHAT THE PROJECT DELIVERED

KIOSK INFRASTRUCTURE DELIVERED

Connectrac Flex FX, electrical connections, low-voltage cabling, and point-of-use devices were installed and tested for the new self-service kiosks.

CORING AVOIDED

The under-carpet pathway eliminated the schedule, dust, disruption, and full-weekend shutdown associated with opening the slab.

MOVE AND TECHNOLOGY RESET

Furniture movement was coordinated with computer and phone disconnection, repositioning, reconnection, testing, and return to service.

BRANCH FINISHES COMPLETED

ASI replaced 2,610 SF of carpet, including all lobby carpet, and repainted the 2,399 SF lobby and teller footprint around the new kiosks.

ONE ACCOUNTABLE PARTNER.
FROM FIELD PLANNING THROUGH CLEAN CLOSEOUT.

DELIVERY RESULT

ASI delivered the new kiosk power and data pathway, approximately 2,610 square feet of carpet tile including all lobby carpet, painting across the 2,399 square foot lobby and teller footprint, furniture movement, technology reset, protection, cleaning, and turnover, with projected delivery cost 50 percent lower than coring.

NEED ONE TEAM TO CONTROL YOUR NEXT BRANCH PROJECT?

ASICOINC.COM | INFO@ASICOINC.COM

+ FIELD EXECUTION

THE KIOSK PATHWAY.
POWER WITHOUT CORING.

The full Connectrac Flex FX pathway shows how ASI carried power and data to new self-service kiosks in the middle of the bank without opening the slab or consuming the weekend with coring.



50%

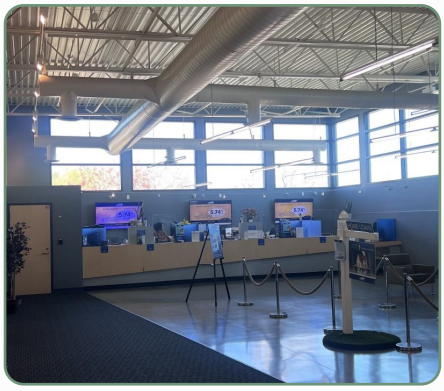
LOWER PROJECTED

DELIVERY COST VS CORING

ASI avoided a full weekend shutdown for coring by routing power and data beneath the carpet.

42.5 LF

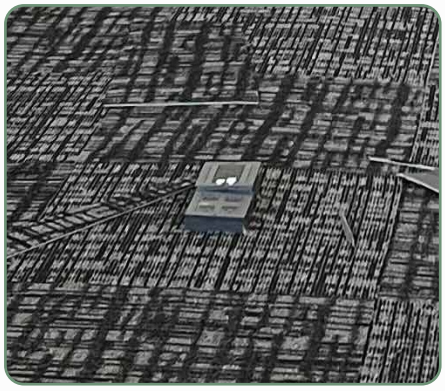
CONCEALED PATHWAY



FLOORING | BEFORE



BRANCH FLOORING | IN PROGRESS



FLOOR DEVICE | IN PROGRESS

+ MANUFACTURER SYSTEM REFERENCE

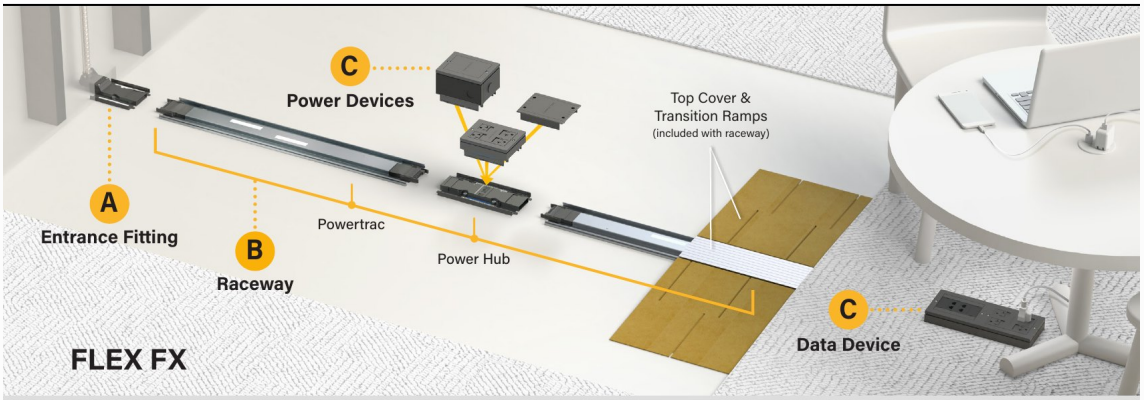
CONNECTRAC FLEX FX

POWER AND DATA BENEATH THE CARPET.

Manufacturer product overview for the under-carpet raceway, transition ramps, power devices, and data devices installed by ASI at the Palmdale branch.

CONNECTRAC
A brand of legrand

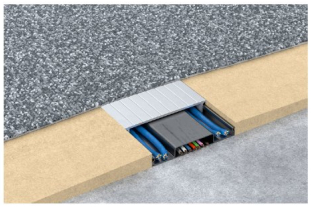
FLEX® FX
For Installation Under Carpet Tile



A) Entrance Fitting: Quick connector powers entire raceway and allows data to enter
B) Raceway: Consists of Powertracs (pre-wired raceway segments) and Power Hubs (connects powertracs and provides access for power devices)
C) Power/Data Devices: Interchangeable Power Devices quickly snap into any Power Hub location. Data Devices go anywhere on the raceway

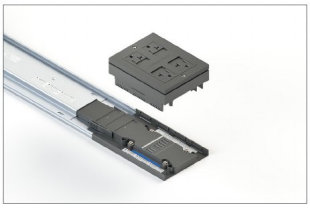
Product Specifications

General	
Data Capacity	Powertracs hold 0-4 / Datatracs hold 0-10 data cables
Load test	1000 lb
Conduit	7-wire, 4 circuit
Receptacle Device	4 NEMA 5-20R receptacles, PC Plastic
Hardwire Device	4 circuit monument
Components	
Entrance Fitting	Steel Conduit - PC Plastic
Wireway - Powertrac	Steel
Wireway - Datatrac	Extruded Aluminum
Top cover	Extruded Aluminum (Silver finish)
Wall base trim	PC Plastic
Data Device	PC Plastic, holds up to 8 keystone modules
Ramps	
End ramp assembly	PP Plastic
Transition ramps	MDF

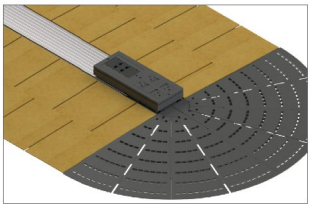


Installation	
To Surface	Screw mount to any subfloor material that is ½" or thicker
System Specifications	
System width	34 inches (single channel)
System length	Max 75'
Warranty	Standard One Year

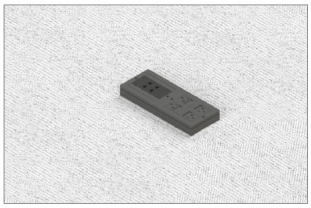
Product Components



Flex Raceways are built by connecting Powertracs with Power Hubs. Receptacle Device snaps into Power Hub.



Data Device snaps next to the Receptacle Device in the raceway. Low-profile ramps transition system to the floor.



Carpet tiles create a hidden solution for power and data.