

My Design Projects Summary

Overview

Showcasing the depth and variety of design projects I worked on during my time at Equinix & Kandji

Timeline

Jun 2020 - Jul 2022

Showcased skills

- Cross-team collaboration
- Fast iterations & delivery on MVP features
- Enhancements to existing user flow
- In-depth analysis of introducing visionary concepts
- Rebranding and design system improvements
- Minimal design for complex technical domains
- Visual and interaction design



EQUINIX



Kandji

Vulnerability Management

Description

A new security feature that helps identify vulnerabilities across all Apple devices, and evaluate and mitigate the risks.

My Role

Created UX artifacts such as user flows, close collaboration with research and customer interviews, enhancements to design system components, and providing final UI/Prototype.

Result

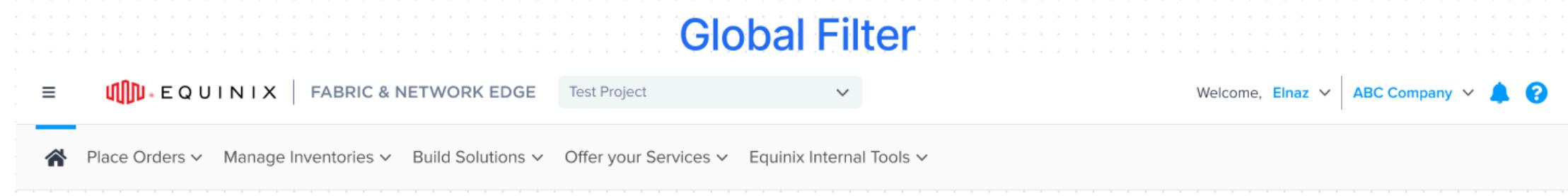
The project was under development.

The screenshot shows the Kandji software interface. On the left is a dark sidebar with navigation links: DASHBOARD, DEVICES (selected), BLUEPRINTS, LIBRARY, USERS, ACTIVITY, ALERTS (with 22 notifications), THREATS, and VULNERABILITIES. The main area is titled "DEVICES / Elnaz's MacBook Pro". It displays a thumbnail of an MacBook Pro, the device name, model (MacBook Pro (13-inch, 2019, Two Thunderbolt 3 ports)), serial number (C02SW8CFGTF), macOS version (Mojave 10.14.5), last check-in (06/24/2019), user (No User), asset tag (No Asset Tag), and blueprint (Executive Team). Below this, a table lists "Open vulnerabilities on this device" (14 total). The columns are Vulnerability ID, Software Name, Version, Severity, and Vulnerability Status. The table rows are:

| Vulnerability ID | Software Name | Version | Severity | Vulnerability Status |
|------------------|---------------------|---------|----------|----------------------|
| CVE-2022-1330 | Calendar | 4.0.4 | Critical | Open |
| CVE-2022-1332 | macOS 11 Big Sur | 11.6.5 | High | Open |
| CVE-2022-1335 | Find My | 4.0.6 | Medium | Open |
| CVE-2022-1336 | FontBook | 4.0.4 | Medium | Open |
| CVE-2022-1337 | Home | 4.0.5 | Low | Open |
| CVE-2022-1339 | Kandji Self Service | 6.0.7 | Low | Open |

Equinix Fabric

Customer Resource Hierarchy



Description

We were introducing a new concept to allow customers to organize their resources into a new organizational hierarchy to provide more flexibility to organize their presence however they wish.

My Role

Adopt this concept at Equinix Fabric platform by analyzing its impact on all user flows and providing usability solutions to retain consistency.

Result

My analysis helped change design direction by identifying the dead ends causing user frustrations.



Rethink Fabric IA

Description

With the launch of several new products, Equinix Fabric navigation became more **complex** for our customers besides causing scalability issues. Current architecture lacks a **meaningful relationship** between different networking elements.

My Role

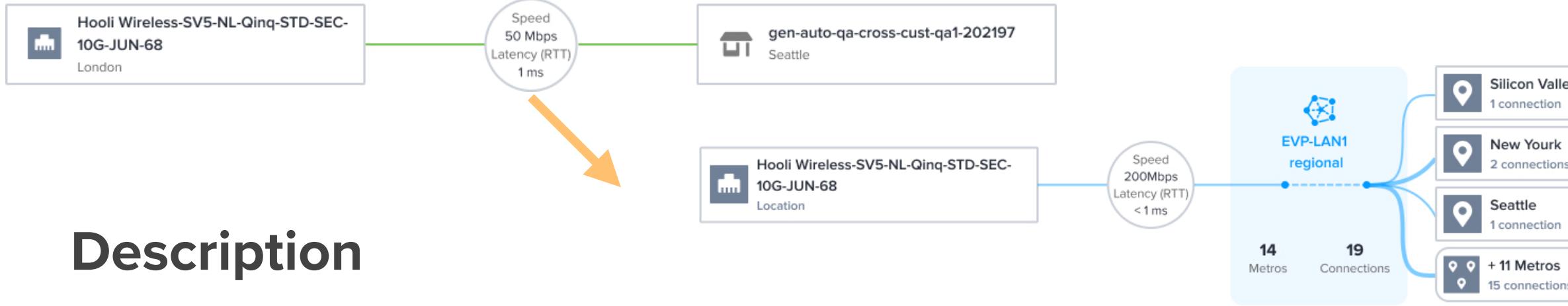
Create UX artifacts to drive redesigning the navigation including competitive analysis, information architecture diagrams, user testing scenarios, and the final UI/prototype for usability testing

Result

The new navigation helped maintain a rational relationship between new and old products and improved discoverability.

The screenshot displays the Equinix Fabric & Network Edge interface. At the top, there's a header bar with the Equinix logo, 'FABRIC & NETWORK EDGE', a dropdown for 'Test Project', and user navigation links like 'Explore', 'Welcome, Sandy', and 'Create a Connection'. Below the header is a secondary navigation bar with links such as 'Connections', 'Network Edge', 'Ports', 'Service Tokens', 'Fabric Gateways', 'Inventory', 'My company', and 'Support'. A large orange arrow points from the original complex navigation above down to the simplified, grouped navigation below. The main content area features a grid of service cards. On the left, a sidebar lists 'Place Orders' (selected), 'Manage Inventories', 'Build Solutions', and 'Offer your Services'. The main grid is organized into four columns: 'FABRIC' (with 'Connections', 'Fabric Ports', 'Fabric Gateway', and 'EVP-LAN'), 'VIRTUAL DEVICES' (with 'Network Edge Virtual Devices' and 'Metal Servers'), 'ADDITIONAL SERVICES' (with 'Internet Access', 'DDoS', 'Precision Time', and 'VLAN'), and 'NETWORKING COMPONENTS' (with 'IP Blocks', 'Access Control', 'BGP', and 'Routing Instances'). A bottom navigation bar includes 'Top Utilized Ports' (selected), 'All Ports', a search bar, 'Utilization Statistics', and a time filter set to '7 Days (Default...)'. A small red notification badge with the number '6' is visible in the top right corner of the main content area.

EVP-LAN Offering



Description

It allows geographically dispersed sites to share an Ethernet broadcast domain by connecting sites through a **shared VLAN ID** which avoids multiple 1-1 connections.

My Role

I worked closely with TPMs to understand this new feature and create a consistent UI/prototype to onboard users and help them benefit from using this new service.

Result

The project assisted customers in avoiding repetitive work, saving costs, and improving their network performance.

| Connection Name | Port to regional EVP-LAN |
|--|--|
| ops-user100-DC5-NL-Dot1q-BO-PRI-1G-JUN-108 | Test Project |
| Origin Port | ops-user100-DC5-NL-Dot1q-BO-PRI-1G-JUN-108 |
| VLAN ID | 100 |
| MAC ACL Rule(s) | 2C:54:91:88:C9:E2 2C:54:91:88:C9:E3 2C:54:91:88:C9:E4 2C:54:91:88:C9:E5 2C:54:91:88:C9:E6 Show all MAC ACL Rule(s) |
| Static MAC Address(es) | 2C:54:91:88:C9:E2 2C:54:91:88:C9:E3 2C:54:91:88:C9:E4 2C:54:91:88:C9:E5 2C:54:91:88:C9:E6 Show all Static MAC Address(es) |
| Dynamic MAC Learning | No |
| Speed | 200 Mbps |
| Billing Tier | Up to 200 Mbps |
| Purchase Order Number | - |
| Destination EVPLAN | EVP-LAN1 regional |
| Port tagging | Tagged |
| Average month latency | <1 ms |
| Billed to | ops-user 100-201257 |

Redefining Port Ordering Flow

Description

Improvements and enhancements to one of the core ordering flows at Fabric using the new design system components.

My Role

Analyze and map the patterns and requirements to adopt the new transaction flow defined by our transaction team.

Result

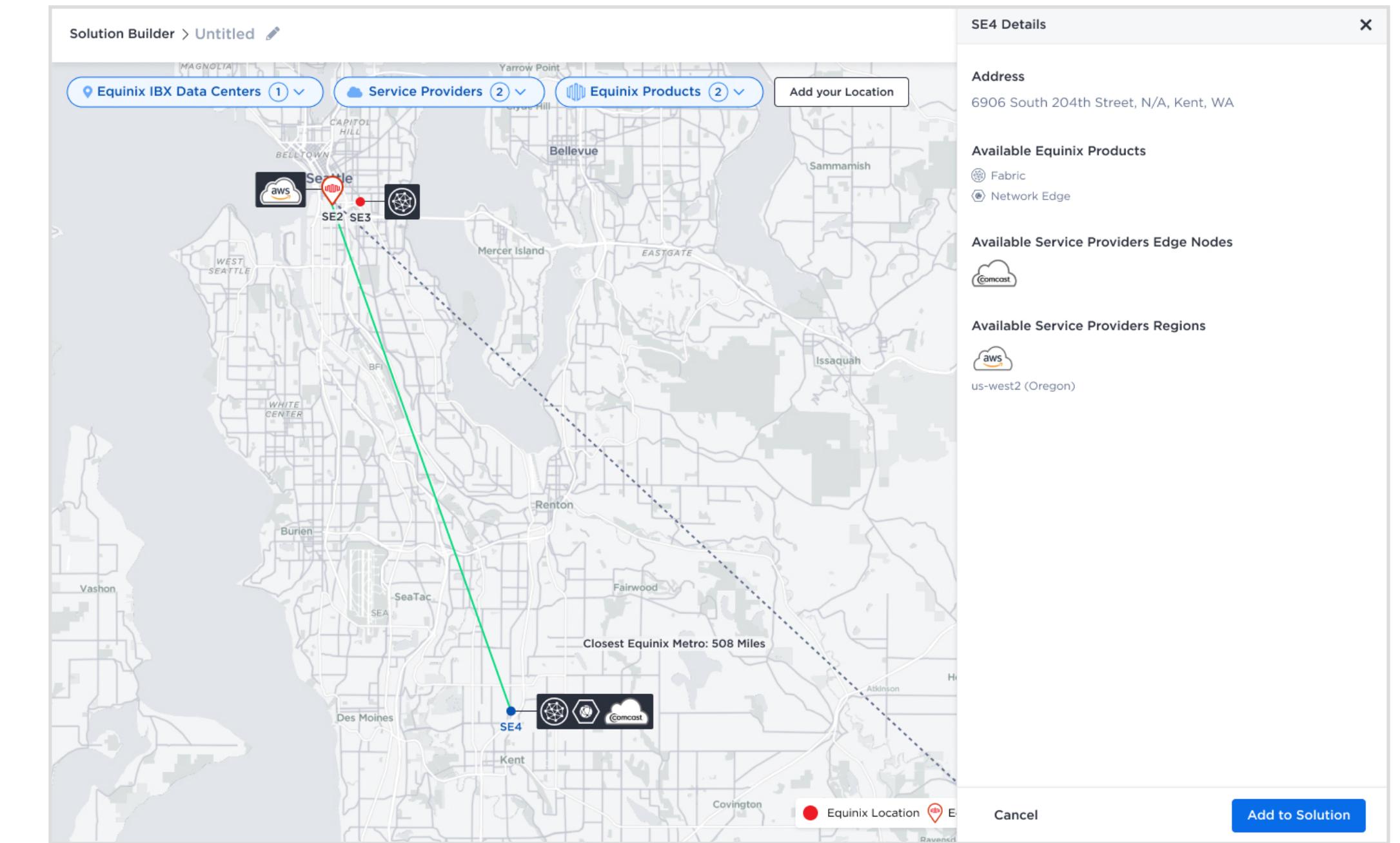
This project was under development.

The image shows two side-by-side screenshots of the Equinix Fabric ordering interface. On the left is the 'Equinix Fabric Guided Order' page, specifically the 'Service Details' step. It displays options for ordering a single port, redundant ports, or LAG ports, along with fields for encapsulation frame type (selected as DOT1Q) and TPID (selected as 0x8100). On the right is a 'Port Details' configuration page. An orange arrow points from the 'Service Details' section of the guided order to the 'Port Details' page, indicating a comparison or flow transition. The 'Port Details' page includes sections for 'Select Configuration Package' (with tabs for 'Recommended' and 'Custom'), 'Shared Port' toggle, 'Packages' (listing 'Unlimited', 'Standard', and 'Ethernet Private Line' options), 'Port Speed' (with 1G, 10G, and 100G options), 'Port Interface Type' (selected as 100G LR4), 'Port Type' (selected as Single Port), and 'Connect Port to' (selected as Primary Equinix Router). The top of the right-hand page shows the title 'Order an Equinix Fabric Port In Project 1' and a save timestamp of 'Last saved July 12, 2021 13:16'.

Solution Builder (MVP)

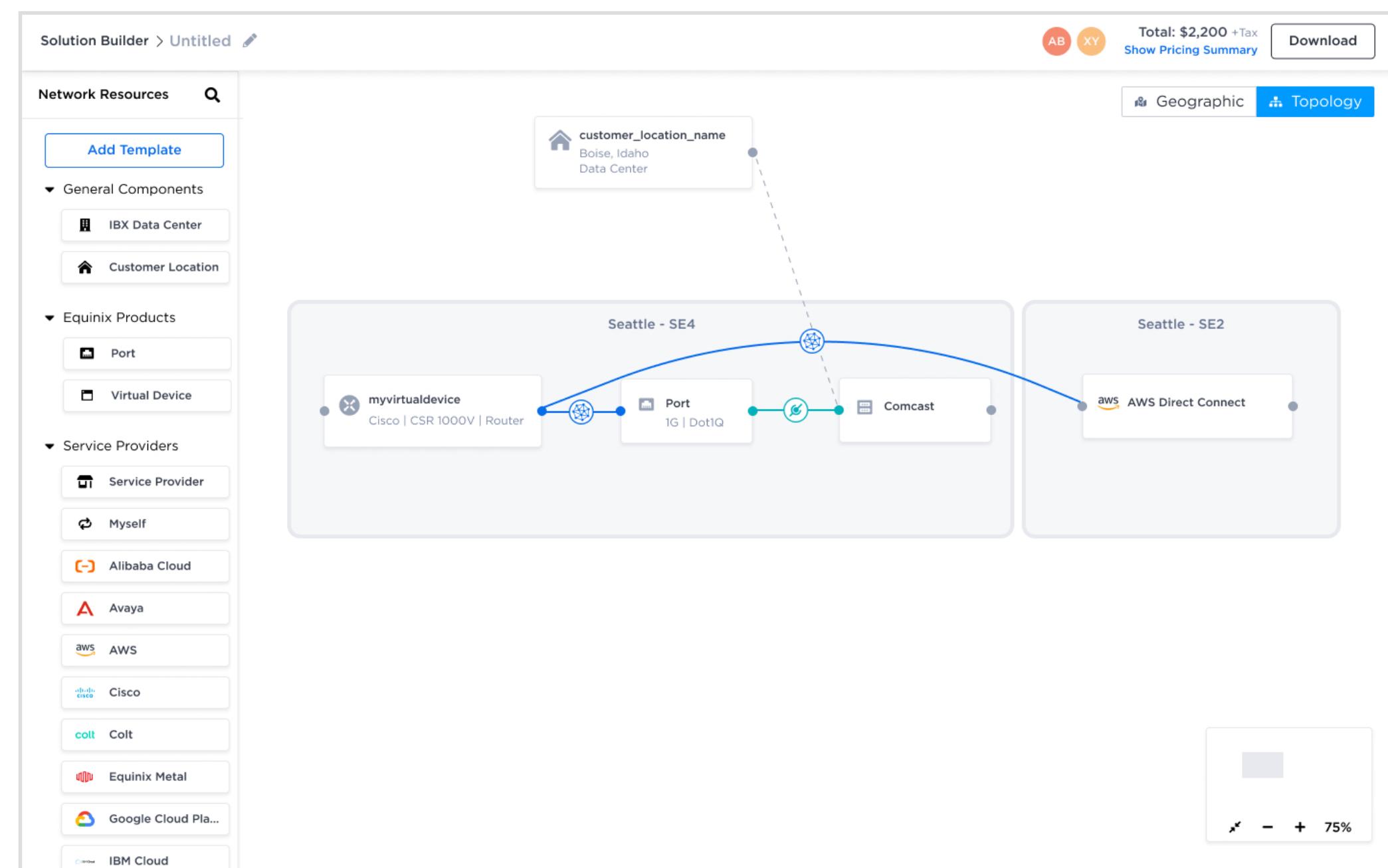
Description

A centralized and intelligent tool that lets network architects explore, design, share, quote, review, order, manage and monitor all their networking resources in a **single** platform.



My Role

I worked closely with the UX researcher and designers to prepare an interview plan, created the personas and journey maps, and participated in defining the requirements using an affinity map. I iterated on design ideas for the first MVP of the exploration and prebuilt template for the topology design feature.



Result

This project was user testing.

Equinix Metal

Virtual Private Edge Offering (MVP)

Description

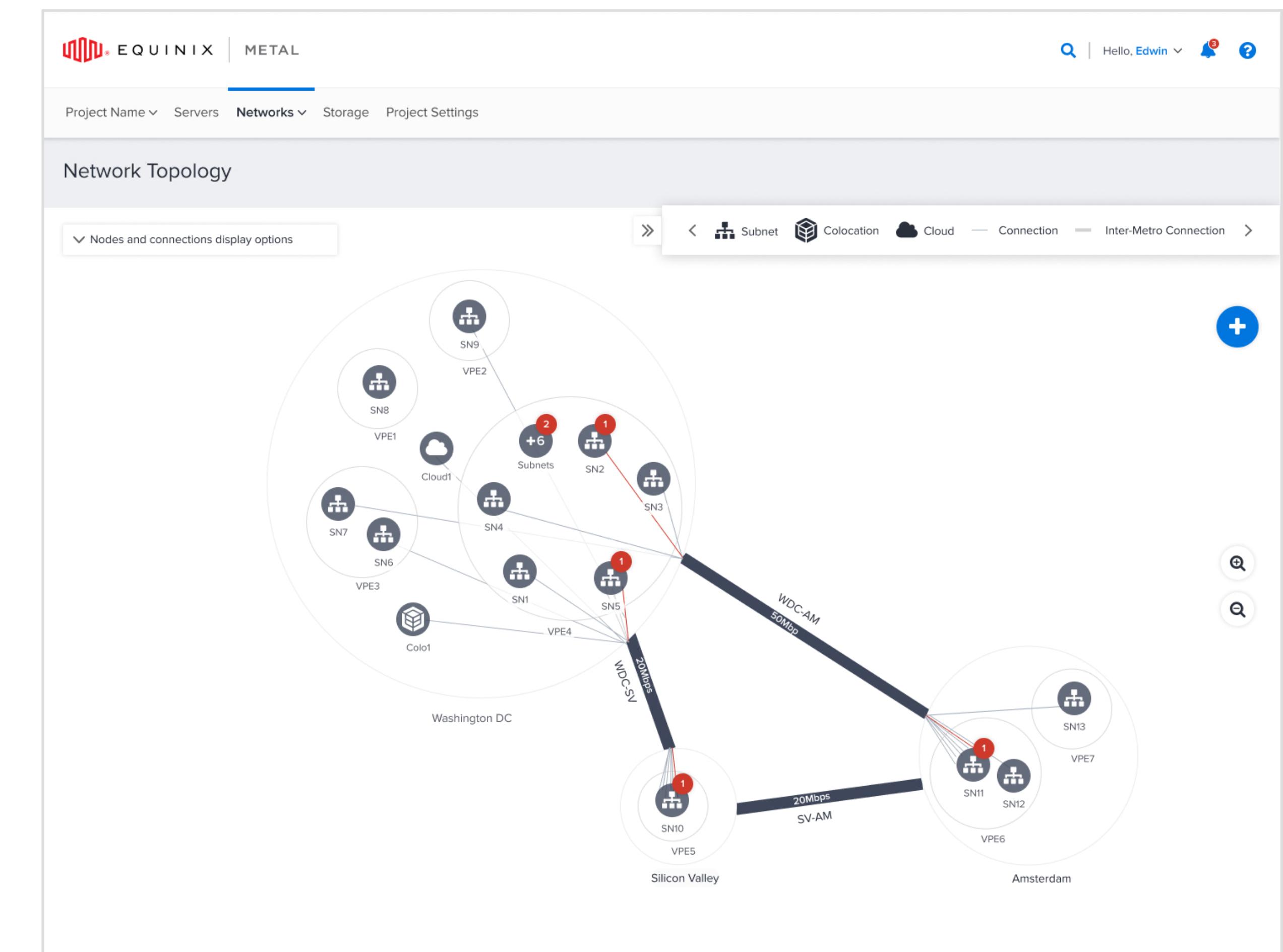
Leverage Virtual Private Edge to build a private cloud-like infrastructure providing full control of the network with advanced security.

My Role

Led design end-to-end from research and analysis to the final UI/Prototype.

Result

The project was postponed due to a lack of technical prerequisites to build this service.



Self-service Server Reservation flow

Description

Add the ability to define, process, and check the status of Orders. This includes customer-driven self-service reservations, complex multi-stage orders, and sales-person-driven quotes.

My Role

I created final UI/prototype for both customer and admin portals.

Result

The flow launch reduced support calls to place orders by 50%.

The screenshot shows the Equinix Metal Customer Portal. At the top, there's a navigation bar with the Equinix logo, 'EQUINIX METAL', a search bar, and a user dropdown showing 'Hello, Edwin'. Below the navigation is a breadcrumb trail: 'Servers > Choose Deploy Type > Deploy Reserved Servers > Order New Reserved Servers'. The main content area is titled 'Order New Reserved Servers'. It includes a sub-header 'Review Order' with a table showing two server configurations:

| Server Type | Location | Cost |
|---------------|---------------|--|
| c2.large.arm | Amsterdam, NL | \$620.50 x 3 \$1,861.50/mo for 12 months |
| c3.medium.x86 | Dallas, US | \$682.55 x 3 \$1,861.50/mo for 12 months |

Below the table, there's a checkbox for 'Terms and Conditions' with a link to the legal page. A 'Total Cost' summary is shown as '\$3,118.60/mo for 12 months', and a large blue 'Submit Order' button. On the right side of the page, there's a sidebar with a user profile for 'John Rogers Sales Rep' and a link to 'Learn about reserved servers'.

Customer Portal

The screenshot shows the Equinix Metal Admin Portal. The left sidebar has a dark theme with white icons and text, listing 'Dashboard', 'Services', 'Reports', 'Users', 'Organizations', 'Projects' (which is selected), 'Instances', 'Hardware', 'Sales', 'Events', 'Documents', and 'Settings'. The main content area is titled 'Self-service Reservations' and shows a reservation with ID '28d695ad'. The reservation details are as follows:

| | |
|---------------------|--------------------------------------|
| Reservation ID | 28d695ad... |
| Status | In Use |
| Organization | CrossStack |
| + add start date | |
| + add executed date | |
| Contract Currency | USD |
| Total Cost | \$3,118.60 |
| Period Unit | Monthly |
| Period Count | 12 |
| Created Date | 04/12/2021, 03:01 PM (GMT-04:00 DST) |

Below the reservation details, there's a section titled 'Requests on this Reservations' with a table:

| Request ID | Project | Facility | Plan Version | Qty | Price Per Period | Total | Period Unit | Period Col |
|------------|-------------|----------------------|--------------|-----|------------------|------------|-------------|------------|
| 8cc8e5e1 | Test Collab | Amsterdam, NL - AMS1 | c2.large.arm | 3 | \$620.50 | \$1,861.50 | Monthly | 12 |
| 138d9b35 | Test Collab | Dallas, TX - DFW2 | c2.medium | 2 | \$682.55 | \$1,257.10 | Monthly | 12 |

Admin Portal

QinQ Enablement

Description

Support 802.1q tunnel mode tunneling and VLAN translation capability on Metal.

My Role

I worked closely with TPMs to understand this new offering and create a consistent UI/prototype to onboard users and help them benefit from using this new feature.

Result

The project helped customers to achieve their advanced networking goals.

The screenshot shows the Equinix Metal web interface. At the top, there's a navigation bar with the Equinix logo, 'EQUINIX METAL', a search bar, and user information ('Hello, Edwin'). A success message 'Enabling dedicated-tunnel successful!' is displayed in a toast notification. The main area shows a 'Connections' list with one item: 'AM6 Dedicated Redundant'. On the left, a sidebar has tabs for 'Overview', 'Primary Port' (which is selected), 'Secondary Port', and 'Delete'. The 'Primary Port' tab shows details for the connection: 'AM6 Dedicated Redundant', deployed on November 16th, 2020. It lists connection overview details like UUID (84605b73-9ec9-44d4-b6a1-93cf2798395f), Status (Active), Connection Type (Dedicated), and Port Speed (10.0 Gbps). Below that, it shows connection port details: Connection Location (AM6), Dedicated-Tunnel (enabled), Port Primary (Active), and Port Secondary (Dedicated).