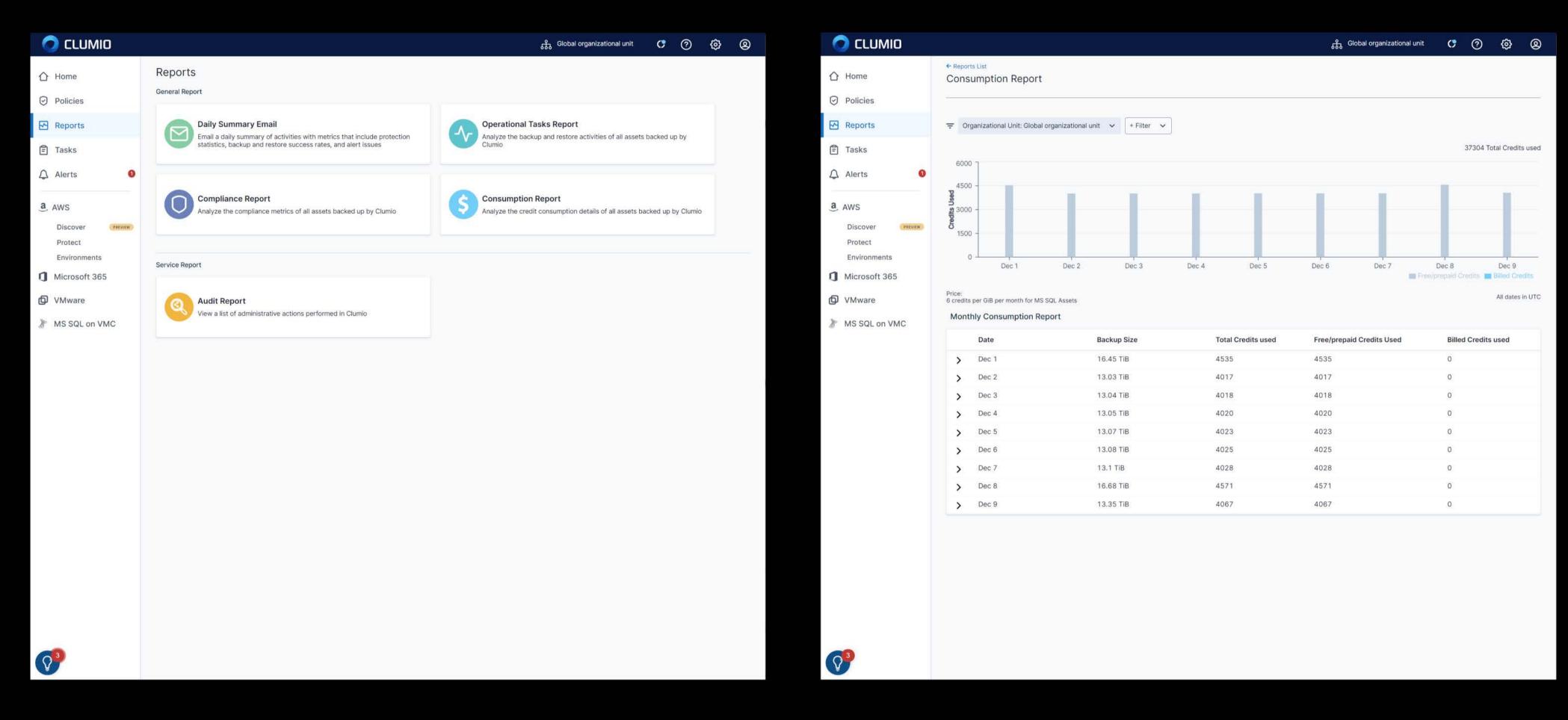
What follows is an example of a single project representing the sequence of events that occur during my process of design.

Note - It's how the sausage is made.

Ĵ

# Consumption Report Redesign

### **Existing Consumption Report Implementation**



Solve for these identified issues -Can't track usage of Clumio across the platform -Trend and anomalies are not highlighted and buried -Can't dive into the details of trends or anomalies -There is no easy way to see how many type of credits I have -There is no way to easily recharge credits -I can't compare groups of assets across data sources -There is very little flexibility in displaying dates and timeframes

User

-Infrequent use, maybe at the top of the month.

-The user is looking for trending data

-Interested in highlighting anomalies and to act upon.

-Very interested in costs that have changed since last billing -When will credits will run out or expire? Top Tasks

- -Highlight exceptions, anomalies, alerts
- -Data should be actionable
- -Show usage trends
- -Show credits
- -Compare on assets, data sources and credit use
- -Show credit burn
- -Affordance to refill credits
- -At-a-glance view of monthly use

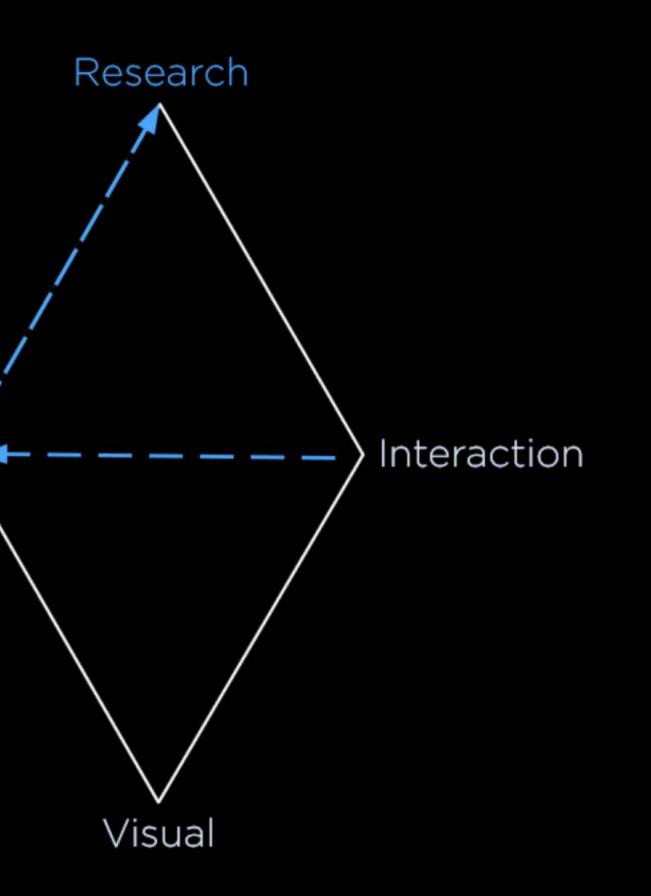
Support these ancillary flows

- -Create Report popup
- -Recharge / Refill Credits
- -Edit Credit Details
- -Report Settings Screen (Daily Summary Email, Show / Hide Data Sources)
- -Daily Detail Overview (showing most active assets across data sources)
- -Zero State / Default View



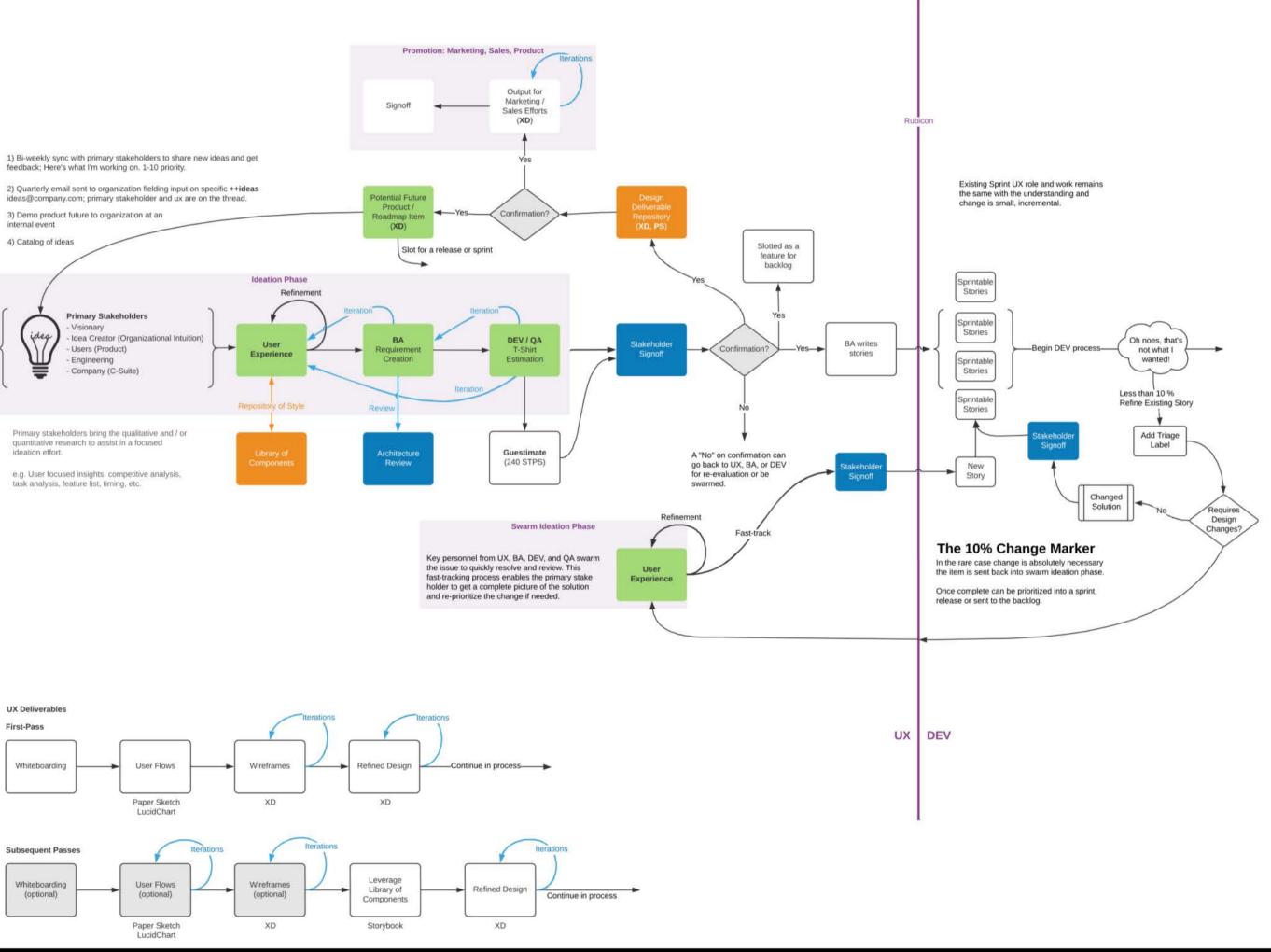
# The UX Diamond @ 20,000ft

Prototype 🕻

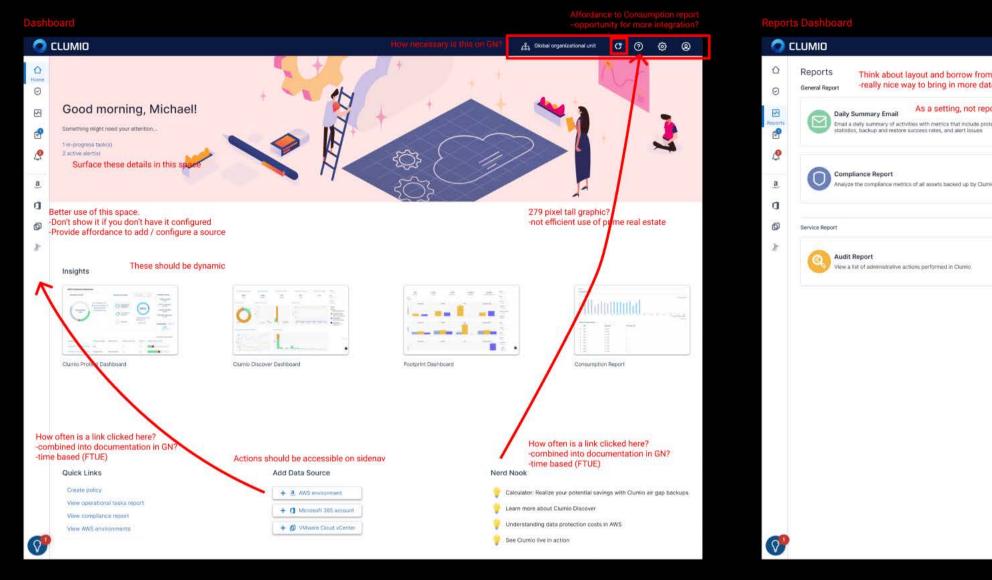


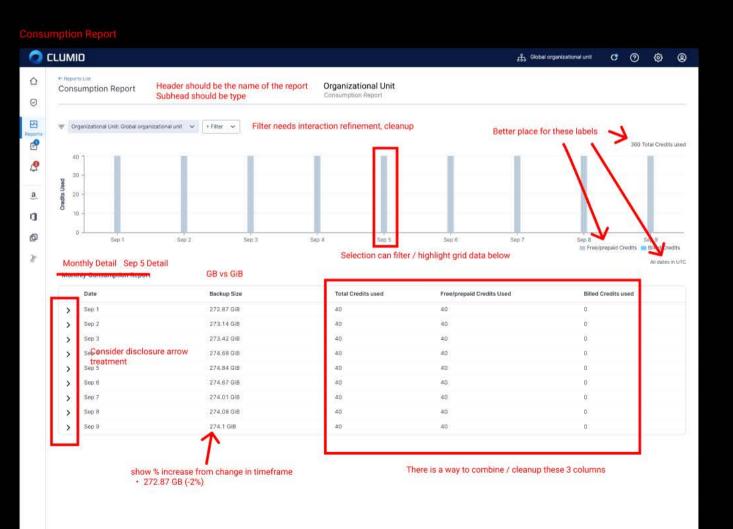
# Here's the ideation flow graph I use as a guideline representing ideation through implementation.

|   |   | Promotion: M                            | larketing, Sales, |
|---|---|---|-------------------|
|   |   | Signoff 🚽                               | O<br>M<br>Sa      |
| 1) Bi-weekly sync with primary stakeholders to share new ide feedback; Here's what I'm working on. 1-10 priority.   | as and get                                |   |                   |
| <ol> <li>Quarterly email sent to organization fielding input on special<br/>ideas@company.com; primary stakeholder and ux are on the</li> </ol>   |   | Potential Future                        |                   |
| 3) Demo product future to organization at an<br>internal event  |   | Product /<br>Roadmap Item<br>(XD)       | -YesCor           |
| 4) Catalog of ideas   |   | Slot for a relea                        | ise or sprint     |
|   | Ideation Phase                            |   |                   |
| Primary Stakeholders<br>- Visionary<br>- Idea Creator (Organizational Intuition)<br>- Users (Product)<br>- Engineering<br>- Company (C-Suite)   | User<br>Experience<br>Repository of Style | BA<br>Requirement<br>Creation<br>Review | Iteration D<br>E: |
| Primary stakeholders bring the qualitative and / or<br>quantitative research to assist in a focused<br>ideation effort.<br>e.g. User focused insights, competitive analysis,<br>task analysis, feature list, timing, etc. | Library of<br>Components                  | Architecture<br>Review                  | GL<br>(2-         |
|   |   |   |                   |
|   |   |   |                   |

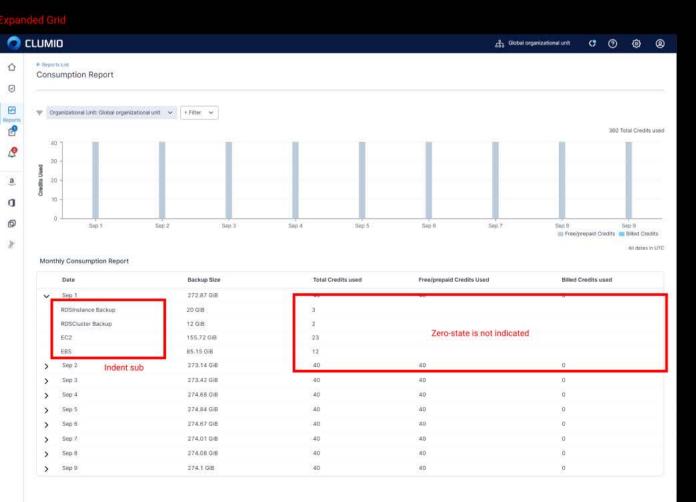


### Redlines - Impressions after reviewing current implementation





07



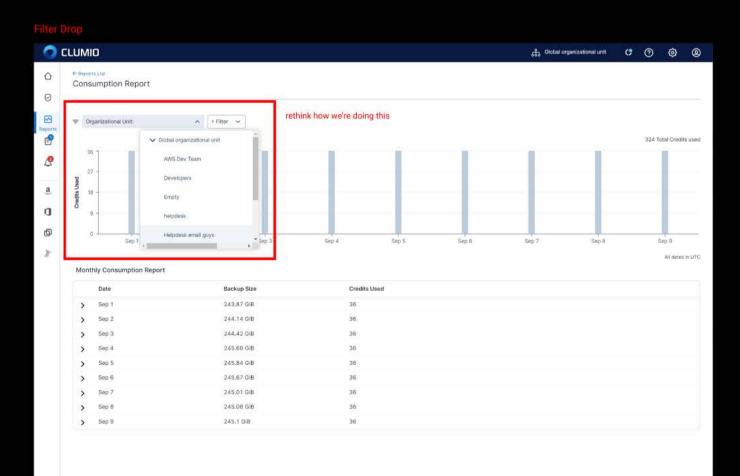
|   | Date       |            | Backup Size |
|---|------------|------------|-------------|
| ~ | Sep 1      |            | 272.87 GiB  |
|   | RDSInstand | e Backup   | 20 GIB      |
|   | RDSCluster | Backup     | 12 GIB      |
|   | EC2        |            | 155.72 GiB  |
| l | EBS        |            | 85.15 GiB   |
| > | Sep 2      | Indent sub | 273.14 GiB  |
| > | Sep 3      |            | 273.42 GiB  |
| > | Sep 4      |            | 274.68 GIB  |
| > | Sep 5      |            | 274.84 GiB  |
| > | Sep 6      |            | 274.67 GiB  |
| > | Sep 7      |            | 274.01 GiB  |
| > | Sep 8      |            | 274.08 GIB  |
| > | Sep 9      |            | 274.1 GIB   |

09

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|---|---|------------------------|-------------------------|------|------|----------|---|--------|
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|   | សិ  | δ Global org           | ganizational            | unit | G    | 0        | ¢ | 6      |
| Segment control<br>/ on this screen Operational Tasks Report Analyze the backup and restore activities of all assets backed up by Chumo |   |                        |                         |      |      |          |   |        |
| Consumption Report<br>Analyze the credit consumption details of all assets backed up by Clumio  |   |                        |                         |      |      |          |   |        |
| Data that can brought forward<br>-filter type   |   |                        |                         |      |      |          |   |        |

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Consumption -data in GB over time -credits / usage over time -show change from timeframe selected -filter can change the consumption target



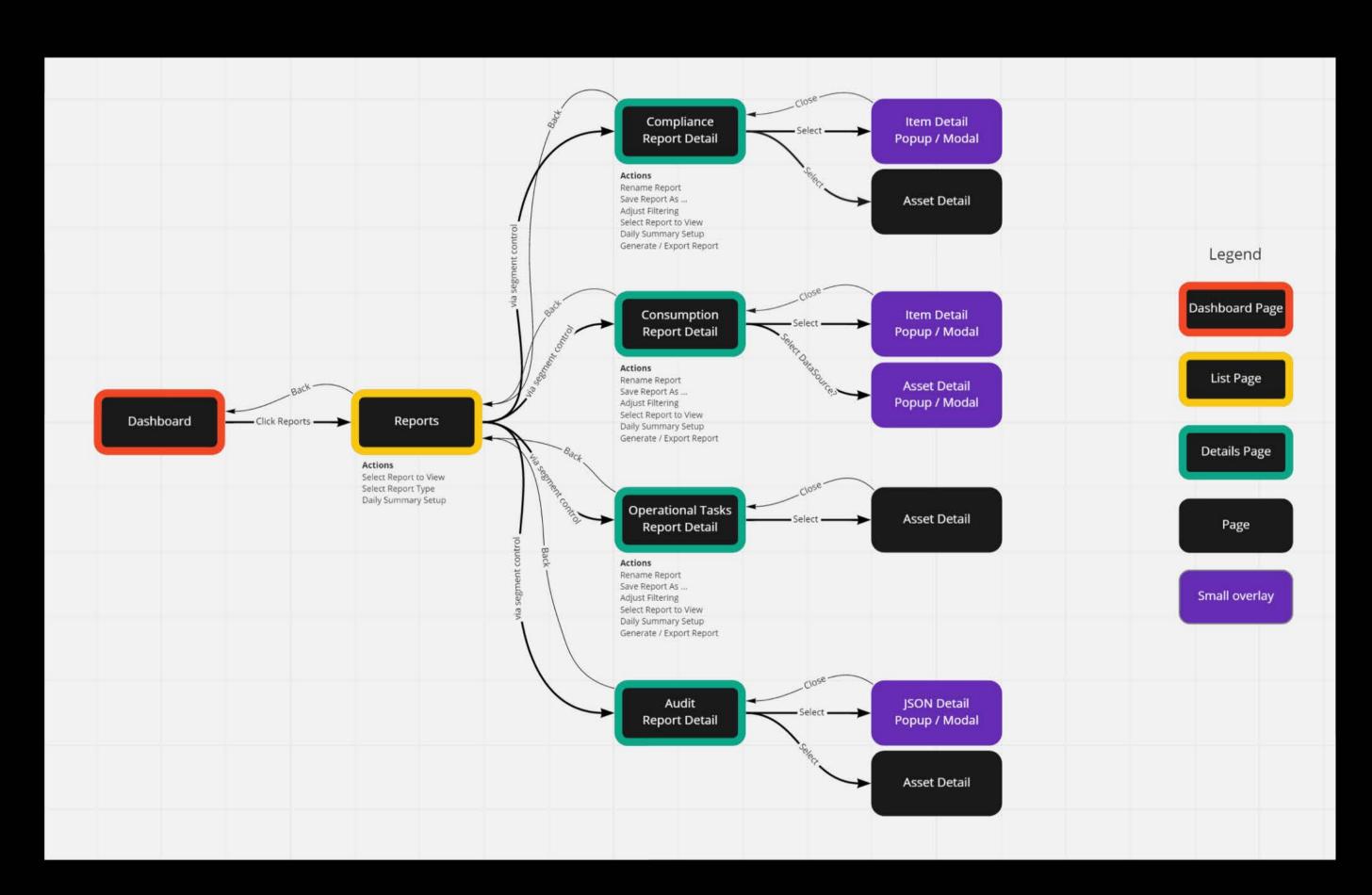
### Notes - Impressions after reviewing current implementation

9/9/21 WITH MICHAREN A. UI TOOL ICIT IN COMPUTENCE Somet VI LIBRARY DESIG SYSTER PRESERTATION 2 / DESIGN SECTION REPORTIONE MUL RE MAGNE ME GROPENES MIL YVE. CRANTE "DENC- IT PROGRESS" COMEN POUR INTER GOOGOF POM MARIL SYNC LP 9/10 Discussion ~ ADOM WALK ME THROUGH EACH REPORT FYPE · GOT INTO PRODUCTION - DEFAIL BAGE & GET RAMARE - CONSUMPTION REPORT - FALMON BEAM BACH REPORT - Compliance REPORT - GREAT FOR IMPROVENENT · SERSENMOT Mon -SHOM TERM (MIN) -LONGTERM (MAX) · STATE MARKINE IN ME -TIMING? EXISTIM DESIG-- CAN DETML ON MON. -RESOURCES ANATLABLE. ATTERNOOT. - EMAIL OF REPORT · Gor PEnso ALLT ADOSS OBSERVED FRICH-S 1- EXISTING EXPERIENCE to oktor, permissions - EACH SIDE MAN SECTION IS DIFFERENT LOOKIN, WHILE SHOULD SIMILOR DATA - STATE INSIDE OF A SECTION IS WIT SAVES WHEN CYCKED OUT OF. - WMY NOT USE SEGMENT CONTRA ON "REPORTS"? - FUTER IS NON-EFFICIENT IN VLAGE, NOT CONSISTEN ACROSS APP -DERYS BECEPTES VIGE FOR THAT STYLE OF PADERN? - IS THERE ANOTHER WAY TO FILTER SCREET W/OUT USING FILTER COTEL! - CONNECT CHARLE TO DATA GRUP - CREDIT VSAGE CONP BE BETTER PROMOTHO - CHART COUR BE BEAUTIFIES, MORE GRAMARITY BEMEET DAYS. - GAD COUR BE BETTER UTILIZED

### Notes from initial Product conversation

VIEPI ARE LEBEIM · MOST ANGUT IN DAILY TONS OF LOVE - Lobin on Exception \* CAN COMBINE TO BB REPORT IN BRENKE OF A - runne moses DOBJIN' MERO Darry Ermoney Emare n - OPT OUT PESIRES - MES EXLEMENT DEFANTS FOR THIS (FREq, MIE, SENSING) · OPPORTMITY For long Loop - POERT MED TO BE A REPORT DEPINITION. m Discover + REport (MERE AT JONE 1001-7) COMBINE. Anoir REPORT - USVERCE PATTERY CHARBES L DATA Stond & Loop SPOT For Non PROM OTHER REVISION FOR OPENATION TASKS REPORT MIS PRAJE - FINE AS IS - UNIVERSA CALOSISS (UNMATERY ACROSS PLATFORMS) POR GOST Consimption L Breich bic MEUSI T- BE port (MAPPINE BENNO THE SCENER) L 2 METTIDOLOGY Por CREDITS - Pay on you to prospany (Binn Rom) - UNE M I Gore TO PUT OUT? - KNOWIN CONSISTERED (TREMO IN OMART MUL HLP) - FLARES MARI TO KNOW VALVEROGO BUSISME - GNO - only of lon VM PROD - home Ecz in others - IN 3 LEEKY -BARAGE DOWN OF AM EZZ INSTATEZ - MAMING : Conversions por LABIENS IS AN OPEN CONVERSIONON 365 - our 2021 \* \* CRESIT BRACE IN CN GOES ANAL - ANDI BALL? OPERAMONINE PHILS \* DIPP. they on Imm - which is First I compliance. - WHERE IS MEREOVENT? ( \* 20%. / 10% / 0% \* GRAM GIVE NOTACOTTO WHEN REPORTS THRESMORD - TRANS LINE - CRANILANITY (INTER DY)

## Initial user flow of reporting feature



TIGE APPEURS PRICING PRY STRUCTURE FOR CREDITS NEW REPORT · CREATE A · SHARE REPORT A L EMAL PREPMO PAY AS pro 1 Down como You Co RE-FILL 1:1 10/11/21 PAY AJ PEPAY MA DOTES TRIAL 400 60 THER APPENT Gost? . 53 on lon V STANDAND \$/68 V · VX TWEAL) PREMIUM · NEW MOKET - TINA TICKET CAENTED LCONFIRM MICHAGEL g DESILN 2A. V EMEMPHISE - CARL WITH PARSNITH > REPONS - MEENIN SENT THU 34812 - DENG- BRUEF FULS -Contrain Emore ha For Mis + TODO FIL IN DETAIL ON CCASIM REPORTS DESIGfinnoDUCE PIVER MARCE MEN?? ASSET DETAIL IN GRID DATE / ASSET DATE Source -ASSET 0 · ENVIRONMENT L REGION ENVIRONENT 0 Backing REGION / DEFER DATE C 6 VOLME + policy L ERS BER L INSTATUS ID + PORICH CREDIT UJAGE - FOR FREE CREEDIRS MICHLIGHT PROMO, ONTHE, 100 CRD. FOR ROS USAGE.

#### Notes from initial design review

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### Design values exercise

Design Values

# **Design Values (consumption)**

The most critical UX values to preserve in the design, and what is less important and can be traded off to ensure the critical values are achieved.



### Important

Efficient most frequent tasks done quickly

> Powerful flexible and configurable

Feels Simple approachable/low mental burden

**Consistent with Clumio** similar to rest of product UI

### Less Important

Near At Hand easily available from anywhere

Learning Not Required easy to use the first time

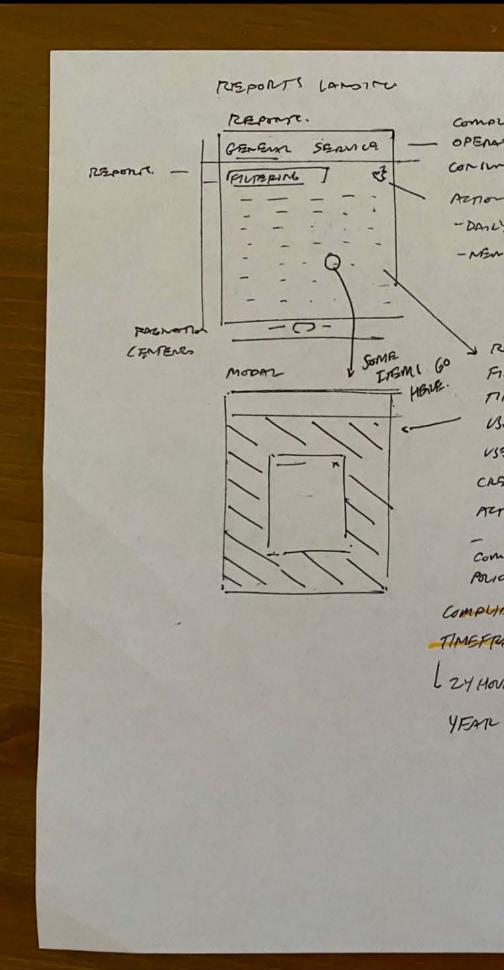
Consistent with AWS similar to AWS UI

> Wow emotional impact

Innovative new with respect to competitors

Minimize Dev & Design fast and cheap to build

## Initial solution from gathering requirements, conversations, competitive analysis

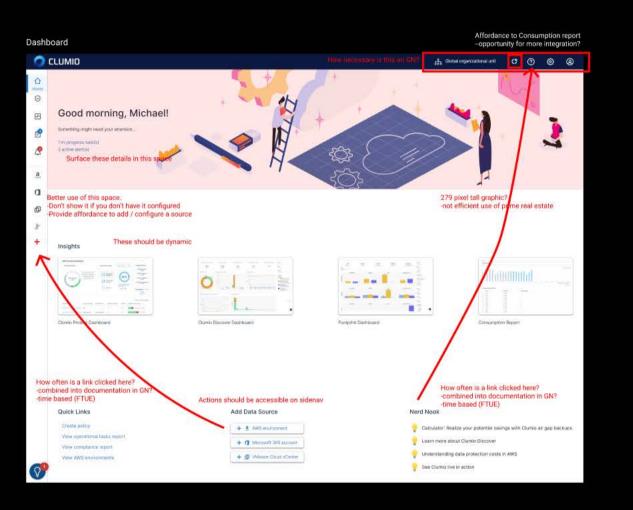


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| no-s   | composition l'DATTE SELECTION  | - |
| ANCE YES (NO, TYPE<br>CH, RETENTION, FRUME, MM. BACKS<br>MANCE<br>DEFORME                                  | · REPORT GENERATION / DOWNLOAD COMPONENT.<br>· NEW REPORT SELECTOR<br>· ADDO 14 BAR / 24 EAR to CALENDAR PICKER  |   |
| uns, 7 poys, 140Ays, 31 pags   | · ADD EXCENTEN DEFAURS DO POLICY<br>MANAGEN {GOLD, SILVER, BROME}  |   |
|  |  |   |

#### Wireframe - Initial user flow

#### **Consumption Report**

How many credits do I have, how are they being spent and how can I refill / purchase more?



| Home          | Repor    |  | rational Tasks Audit     | "Create Report" allows<br>-e.g. "Consumption Rep | user to create a report based<br>part" - Now needed for this |
|---------------|----------|--|--------------------------|--|--|
| ) Policies    | Credit I | Burn   | Credit Det               | aile   |  |
| Reports       |          |  | ev Report: - Ciedit Use  |  |  |
| ] Tasks       | 59       |  | 160                      | 0 1391   | 209<br>AVAILABLE   |
| Alerts        |          | 0 LI LI N LI<br>APR MAY JUN JUL :<br>quarterly trend data + projection / suggestin | AUG SEP OCT              |  | () Refill  |
| . AWS         | Report   |  |                          |  |  |
| Microsoft 365 | Label    | Report Name  | Organization Unit        | Timeframe  | Credit Usage   |
| moreserrees   |          | Monthly Credit Usage by Clumlo   | Global Organization Unit | Monthly  | 3400   |
| VMware Cloud  |          | Bi-Weekly Credit Usage by Clumic   | Blobal Organization Unit | BI-Weekzy  | 360  |
|               | ٠        | AWS Dev Report   | AWS                      | Daily  | 25   |
|               |          | Sample DB on EC2   | SQL on EC2               | Daily  | 25   |
|               |          |  |                          |  |  |
|               |          |  |                          |  |  |
|               |          |  |                          |  |  |
|               |          |  |                          |  |  |
|               |          |  |                          |  |  |
|               |          |  |                          |  |  |
|               |          |  |                          |  |  |
|               |          |  |                          | R  | owsperpage 50 *  |

- Top Tasks
- Highlight exceptions, anomolies
- Be able to act on data
- Show usage trends
- Show credits
- Compare on assets, data sources and credit use
- Show credit burn
- Affordance to refill credits
- At-a-glance view of monthly use

#### User

Infrequent use, maybe at the top of the month. The user is looking for trending data and interested in highlighting anomolies to act upon. Very interested in costs that have changed since last billing and when credits will run out.

#### Key Problems

- Can't track usage of Clumio across the platform Trend and anomolies are not highlighted and buried Can't dive into the details of trends or anomolies There is no easy way to see how many type of credits I have There is no way to easily recharge credits
- I can't compare groups of assets across data sources There is very little flexibility in displaying dates and timeframes

Automatically select items that are -exhibit the most credit use -delta is greatest between time periods



| Actions    |  |  |
|------------|--|--|
| 4          |  |  |
| -          |  |  |
| - <b>-</b> |  |  |
| 4          |  |  |

|                    | ← Reports List                                       |              |                 |                |                   | 2.27        | N SNYS  |
|--------------------|--|--------------|-----------------|----------------|-------------------|-------------|---------|
| Home               | Bi-Weekly Credit Usage by Clum<br>Consumption Report | nio ~        |                 |                |                   | C.          | ± ⊕ @   |
| Policies           | Global Organizational Unit 🗸 🗸 + Filte               | • •          |                 |                |                   |             |         |
| Reports            | Accumulated Burn (14 days)                           |              | (  Volume (EBS) | Object (53)    | Compute (EC2)     | Detabase    | IRDS1   |
| Tasks              | 1600   |              | -               | e sentieriskos |                   | 9           |         |
| XXXXXX             | 1200   |              |                 |                |                   |             | Aver    |
| Alerts             |  |              |                 |                |                   |             |         |
|                    | 008  | <            |                 |                |                   |             | Proje   |
|                    | 400  |              |                 |                | >                 |             | Proj    |
| AWS                |  |              |                 |                |                   |             |         |
| 174-01-04-04-04-04 | Gep   Sep I Gep J Sep 4                              | Sep 5 Sep 6  | Sep 7 Sep 8     | 3ep 0. 5ep 10  | Sep 12            | Sep 13      | Sep 14  |
| Microsoft 365      | SHOT COLOR DEPT. DEDTT.                              | and a set o  | Long of Long of | and a sub-to-  | - 380 FT - 580 FA | Contra Cat. | 2403 DF |
| VMware Cloud       | Label Day  | Credit Usage | Backup Size     | Backup Change  | Action            |             |         |
|                    | T - PENNANDISTADIAN                                  | 25           | 281 GB          | +1%            |                   |             |         |
|                    | September 14<br>September 13                         | 18           | 280 GB          | +2%            |                   |             |         |
|                    | September 12   | 26           | 278 GB          | +5%            |                   |             |         |
|                    | September 11   | 31           | 271 GB          | -1%            |                   |             |         |
|                    | September 10   | 31           | 272 GB          | -1%            |                   |             |         |
|                    | September 9  | 36           | 273 GB          | -3%            |                   |             |         |
|                    | September 8  | 33           | 277 GB          | +3%            |                   |             |         |
|                    | September 7  | 34           | 276 GB          | +3%            |                   |             |         |
|                    | September 6  | 21           | 273 GB          | +2%            | Show              |             |         |
|                    | <ul> <li>908805993149 - US West (Oregon)</li> </ul>  | 21           | 170 GB          |                |                   |             |         |
|                    | DemoVol15 (S3)                                       | 6            | 52 GB           | +2%            |                   |             |         |
|                    | AWSReinvent001 (EC2)                                 | 9            | 74 GB           |                |                   |             |         |
|                    | FLRDemo (EC2)  | 3            | 22 GB           |                |                   |             |         |
|                    | Insight-pre-checkin-hpsd-0 (RDS)                     | 3            | 22 GB           |                |                   |             |         |
|                    | <ul> <li>230028665919 - US West (Oregon)</li> </ul>  | 12           | 51 GB           | +1%            |                   |             |         |
|                    | 841136639351 - US East (Ohio)                        | 8            | 52 GB           | +1%            |                   |             |         |
|                    | September 5  | 16           | 271 GB          | +2%            |                   |             |         |
|                    | September 4  | 22           | 270 GB          | +1%            |                   |             |         |
|                    |  | 28           | 270 GB          | +2%            |                   |             |         |
|                    | September 3  | 28           |                 |                |                   |             |         |
|                    |  | 25           | 268 GB          | +1%            |                   |             |         |

1-4 of 4 >

4

Ancillary Flows

Create Report popup

Recharge / Refill Credits Edit Credit Details

Report Settings Screen (Daily Summary Email, Show / Hide Data Sources) Daily Detail Overview (showing most active assets across data sources) Zero State / Default View

| onsumption D      |          |  |                   |                                      |  |  |         |
|-------------------|----------|--|-------------------|--------------------------------------|--|--|---------|
| 🕤 СLUMIO          |          |  |                   |                                      |  |  |         |
|                   | 14       | - Reports List   |                   |                                      |  |  |         |
| Ĵ Home            | E        | Bi-Weekly Credit Usi<br>Consumption Report                                       | age by Clumio     | ~                                    |  |  |         |
| Policies          |          | ember 6, 202<br>Organizational Unit •  |                   |                                      |  |  | 4       |
| Reports           |          |  |                   |                                      |  | Volume (EBS)                           | з 🔘 ОБј |
| 🖹 Tasks           | Credit   | Burn (Inter-day)   |                   |                                      |  | Volume 1255                            |         |
|                   | -40      | li.  |                   |                                      |  |  |         |
| Alerts            | 30       | L.   |                   |                                      |  |  |         |
|                   | 20       | c  |                   |                                      |  |  |         |
| a, AWS            | illpa 10 | i  |                   |                                      |  |  |         |
| e, Aws            |          |  |                   |                                      |  |  |         |
| Microsoft 365     |          | 13iam  | 6am               | 12;am                                |  | 0pm                                    | 124m    |
| VMware Cloud      | Environ  | ment: 908805993149 -   | US West (Oregon)  | ~                                    |  |  |         |
| gr viviware cloud |          |  |                   |                                      |  |  |         |
|                   | Overvie  | EBS Volumes RD   | S Resources EC2   | Instances MS                         | SQL on EC2 Dy  | namoDB S3                              |         |
|                   | Label    | Volume ID  | Volume Name       | Size (GiB)                           | Size Change  | Credit Use                             |         |
|                   |          | voi-012c6b1c7f4ce2ca7  | FLRDemo           | 50                                   | 8  | 3                                      |         |
|                   |          | vol-081bd38371724400   | FLRDemo           | 50                                   | 12   | 3                                      |         |
|                   |          | vol-0f612bb9a2117cbf5  | FLRDemo           | 58                                   | +15%   | 15                                     |         |
|                   |          | vol-0fb0a60a233d96e54  | FLRDemo           | 50                                   | 38   | 3                                      |         |
|                   |          | vol-0256b1ee553af7cf9  | FLRDsmoVol        | 100                                  | 3  | 6                                      |         |
|                   |          | vol-0acca4146f1acae75  | FLRDemoVol        | 100                                  | 12   | 6                                      |         |
|                   |          |  |                   |                                      |  |  |         |
|                   |          | vol-Oec6adb2c1862615c  | FLRDemoVol        | 100                                  | 3  | 6                                      |         |
|                   |          |  | 1777 A 12 CONSCI. |                                      | lext Day   | 6                                      |         |
|                   |          | vol-Dec6adb2c1862615c  | Pre               | v Day                                |  |  |         |
|                   |          | vol-0ec6adb2c1862615c  | S West (Oregon)   | v Day N                              | 51 GB  | +1%                                    |         |
|                   |          | vei-Dec6adb2c1862615c<br>• 230028665919 - U<br>• 841136639351 - U                | S West (Oregon)   | v Day N<br>12<br>8                   | 51 GB<br>52 GB   | +1%<br>+1%                             |         |
|                   |          | vel-Dec6adb2c1862615c<br>• 230028865919 - U<br>• 841136639351 - U<br>September 5 | S West (Oregon)   | v Day N<br>12<br>8<br>16             | 51 GB<br>52 GB<br>271 GB   | +1%<br>+1%<br>+2%                      |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | v Day N                              | 51 GB<br>52 GB   | +1%<br>+1%                             |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | v Day N<br>12<br>8<br>16<br>22<br>28 | 51 GB<br>52 GB<br>271 GB<br>270 GB<br>270 GB                     | +1%<br>+1%<br>+2%<br>+1%<br>+2%        |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | 12<br>8<br>16<br>22<br>28<br>25      | 51 GB<br>52 GB<br>271 GB<br>270 GB                               | +1%<br>+1%<br>+2%<br>+1%<br>+2%<br>+1% |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | v Day N<br>12<br>8<br>16<br>22<br>28 | 51 GB<br>52 GB<br>271 GB<br>270 GB<br>270 GB<br>270 GB<br>268 GB | +1%<br>+1%<br>+2%<br>+1%<br>+2%        |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | 12<br>8<br>16<br>22<br>28<br>25      | 51 GB<br>52 GB<br>271 GB<br>270 GB<br>270 GB<br>270 GB<br>268 GB | +1%<br>+1%<br>+2%<br>+1%<br>+2%<br>+1% |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | 12<br>8<br>16<br>22<br>28<br>25      | 51 GB<br>52 GB<br>271 GB<br>270 GB<br>270 GB<br>270 GB<br>268 GB | +1%<br>+1%<br>+2%<br>+1%<br>+2%<br>+1% |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | 12<br>8<br>16<br>22<br>28<br>25      | 51 GB<br>52 GB<br>271 GB<br>270 GB<br>270 GB<br>270 GB<br>268 GB | +1%<br>+1%<br>+2%<br>+1%<br>+2%<br>+1% |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | 12<br>8<br>16<br>22<br>28<br>25      | 51 GB<br>52 GB<br>271 GB<br>270 GB<br>270 GB<br>270 GB<br>268 GB | +1%<br>+1%<br>+2%<br>+1%<br>+2%<br>+1% |         |
|                   |          | vel-Dec6adb2c1862615c  | S West (Oregon)   | 12<br>8<br>16<br>22<br>28<br>25      | 51 GB<br>52 GB<br>271 GB<br>270 GB<br>270 GB<br>270 GB<br>268 GB | +1%<br>+1%<br>+2%<br>+1%<br>+2%<br>+1% |         |

Region List / Datasource Type Credit Use % Change Backup Size Backup Diff

Settings to configure which datasources to sho if data will automatically

User is dropped into "Overview" where they can see the User is dropped into "Overview" where they can see the most consuming assets by type. They can click into each separate datasource type and investigate / track an asset performance size and credit use. The user can output a report of this use representing a single day segment of time.

| 0        | ٢           | 8          |
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| ect (S3) | itabase (RD | 5)         |
|          |             | Average?   |
|          |             | Projected? |
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# Wireframe + User Flow v.4

हुँहुई Clobel organizational unit 🛛 🕻 Credit Balance Link Report 366779 credits remaining After your credit balance reaches, zero (III, Leage W) beites directly to your WKI account, Please contact sate of clean credit in all counts.

Introductory measurement or consumption response and activities feature offers to usert adquest to come the other sections, guide currents and activities of the section and a decision of the section of

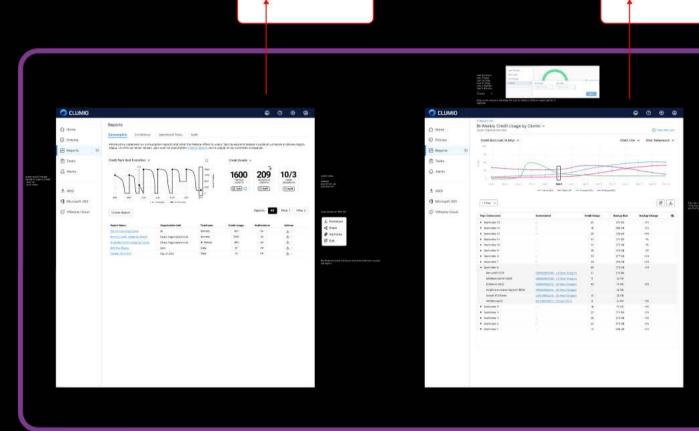
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View Consumption

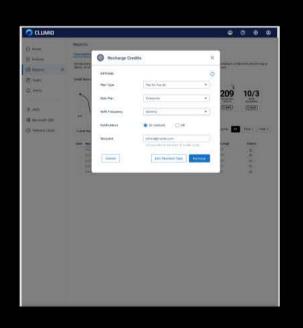
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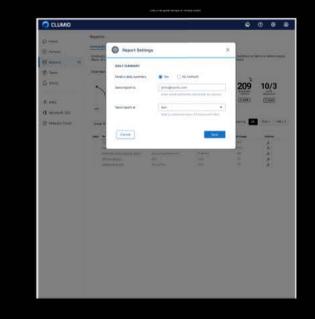
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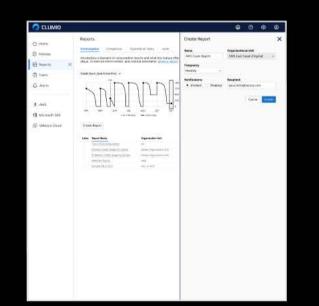


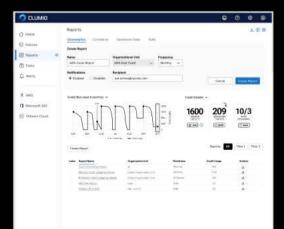
Go to Credit Refill Modal to Edit or Refill

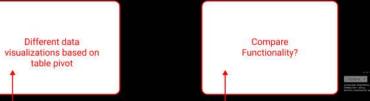




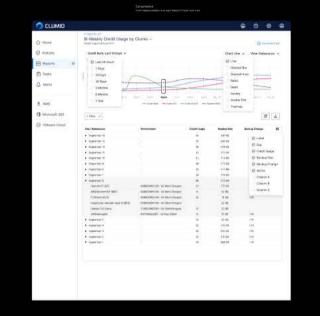


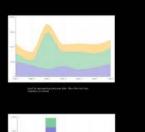


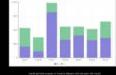


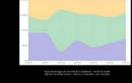










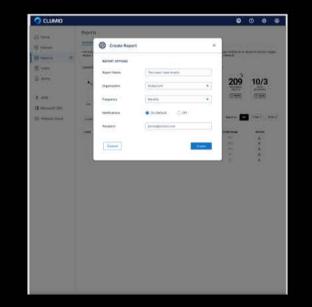






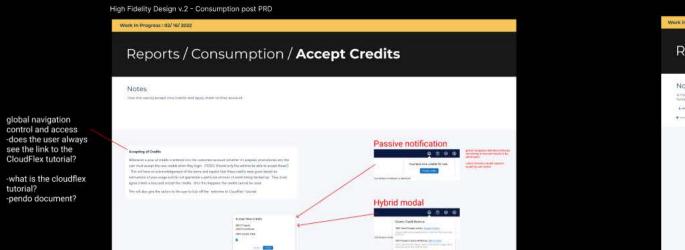


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Preview Report Layout

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## Reports / Consumption / Credit Pool



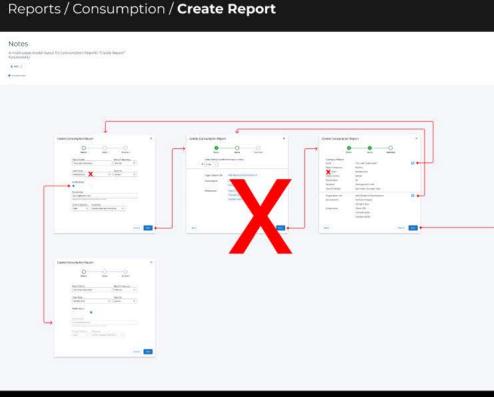


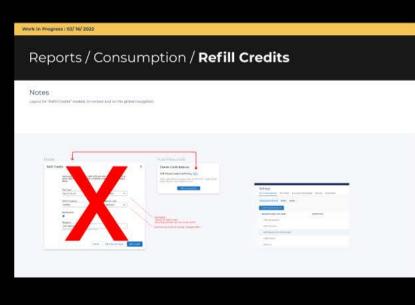
#### Reports / Consumption / Export Report

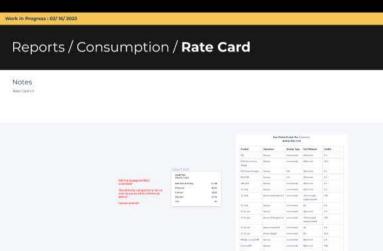
| Notes  |  |   |  |
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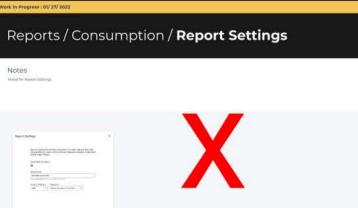
# Wireframe + Post PRD

Will need to consider -csv format -PDF format

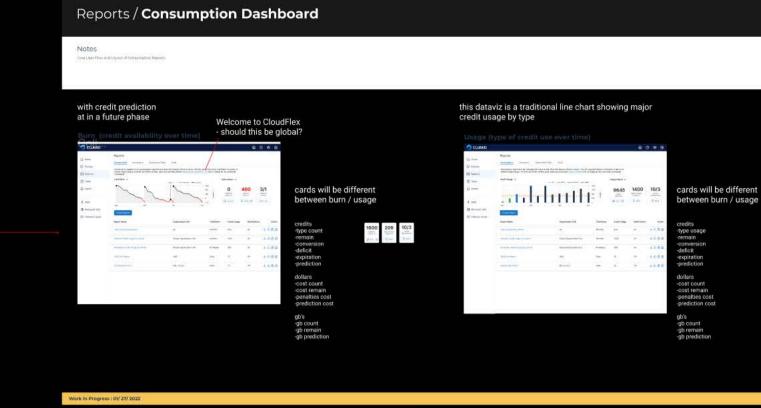












Reports / Report Details (by type)

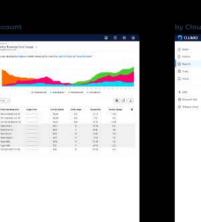


Dashboard **Report Details?** Export?











**2 Chart Styles** Locked to its type - not user selectable Line, Bar

#### 6 Filters

Asset Type (e.g., S3, RDS) Org Unit Policy Clumio Service Offering (e.g., S3 Frozen, S3 Cold, RDS GRR, RDS Airgap) **Cloud Account Number Cloud Region** 

#### Questions

-For phase 1 are we doing self-service credit refill? -RBAC and limiting access (to details) based on role -Export Reports

- -single interface?
- -contextual to view?
- -Let's discuss
- -Accepting Credits
- -Credit Pool
- -Rate Card
- -Credit Conversion

Dev-ready UX - High Fidelity Design v.3 - Simplified

28.000 New credits. Annual Gradits

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Notes How the user(s)

Reports / Consumption / Accept Cre

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| Reports / | Consumption / | Export Report |
|-----------|---------------|---------------|
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| Notes<br>For Email Report and Download Report.  |   |   |   |  |  |
|---|---|---|---|--|--|
| Final Report<br>Report Sector Sector Provide Sector Report Provide Sector Report<br>Report Provide Sector Report Provide Sector Report Provide Sector Report<br>Report Provide Sector Report Provide Sector Report Provide Sector Report<br>Report Provide Sector Report Provide Sector Repor |   | Dowritaal Report<br>Peper-gene tease by schedule or one of the or of the or<br>schedule of the or<br>the offer of the or<br>The Team Team | X |  |  |
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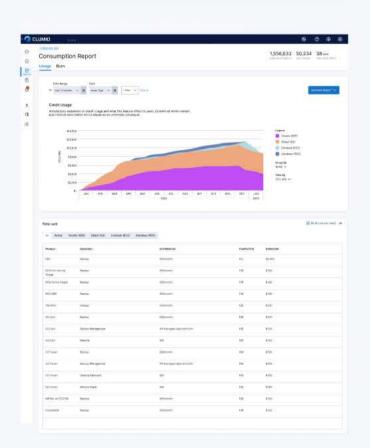
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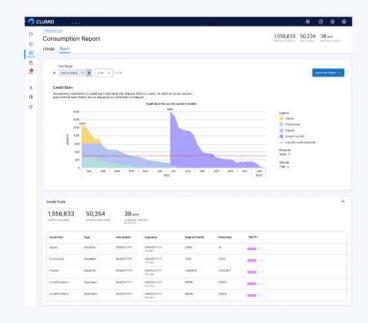
# High Fidelity, Simplified

#### eports / Consumption Dashboard

Usage Deshboard

#### When generating a r visible on the buttor manual Range V CLUMID Consumption Report 1,556,633 50,234 38..... The large to a set of the set of . Credit Usage installer for y taxement on oracle usage and what this feature offers to user. U pairmentual exercitation field tailings or an camendo contexpute 814,000 Auguret Converse 2011 Converse 2011 Converse 2021 Converse 202 Bate card er eren mann 2000 Delevititik Dereve 2000 Deseme 2000 Propert 200 200 Annual Annual 200 Annual Annual Gelt Meranal Gall reach Operation. Overlanding -----Dicking "Update" will close the component and update the value where it man initiated.





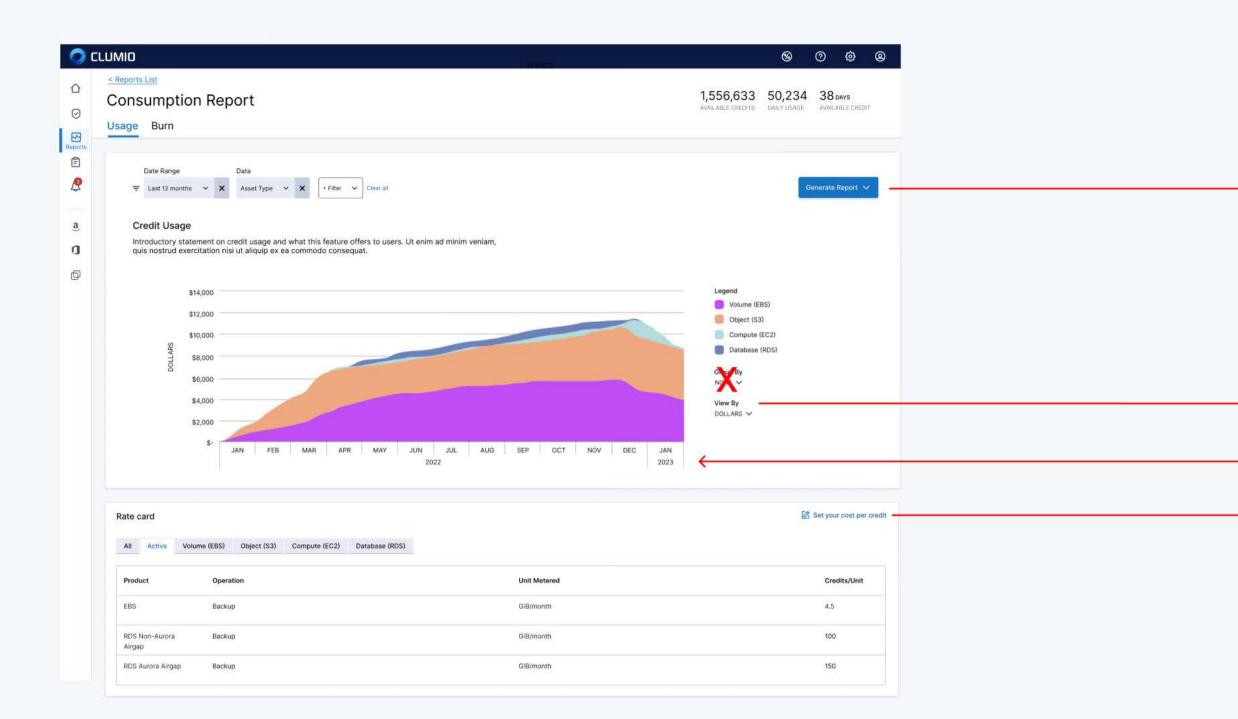
Credits is the default Default metric is "Backup size". User can shift select between the different metrics and render the cltant Dollars aelection la inactive (Sr. NOT selectable) until the unix sets a rate. CTA is sively visible, régardless of rate aet or not. When opened this UI replaces the drop menu. User clicking outside of component or nicking "Concel" closes the component Once note to set the chart can be displayed with the "Wey by" set as dollar. This value is saved across sestions / per user and measurements and the user modifies R.

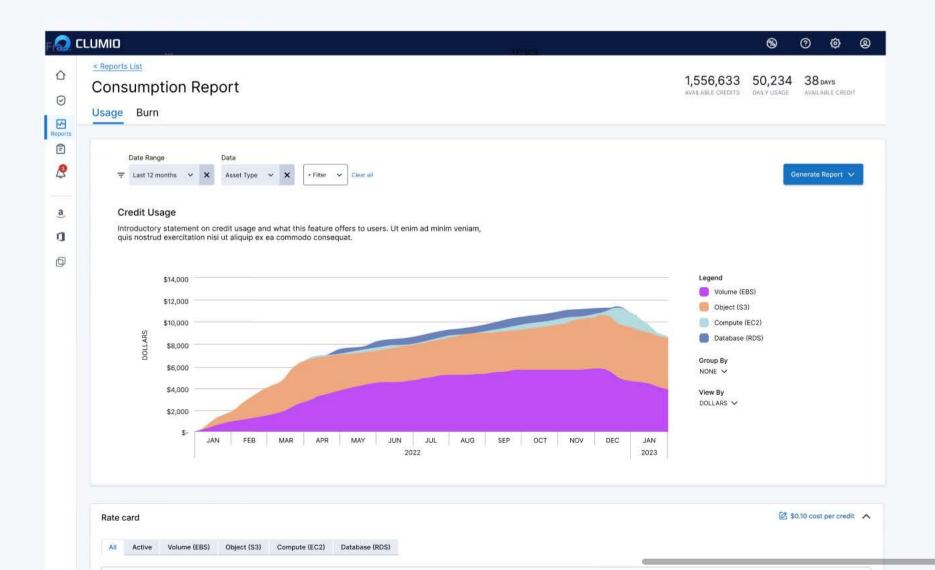
Write showing a vertical slice of data on a given day, the show by colds type, count is oredine.

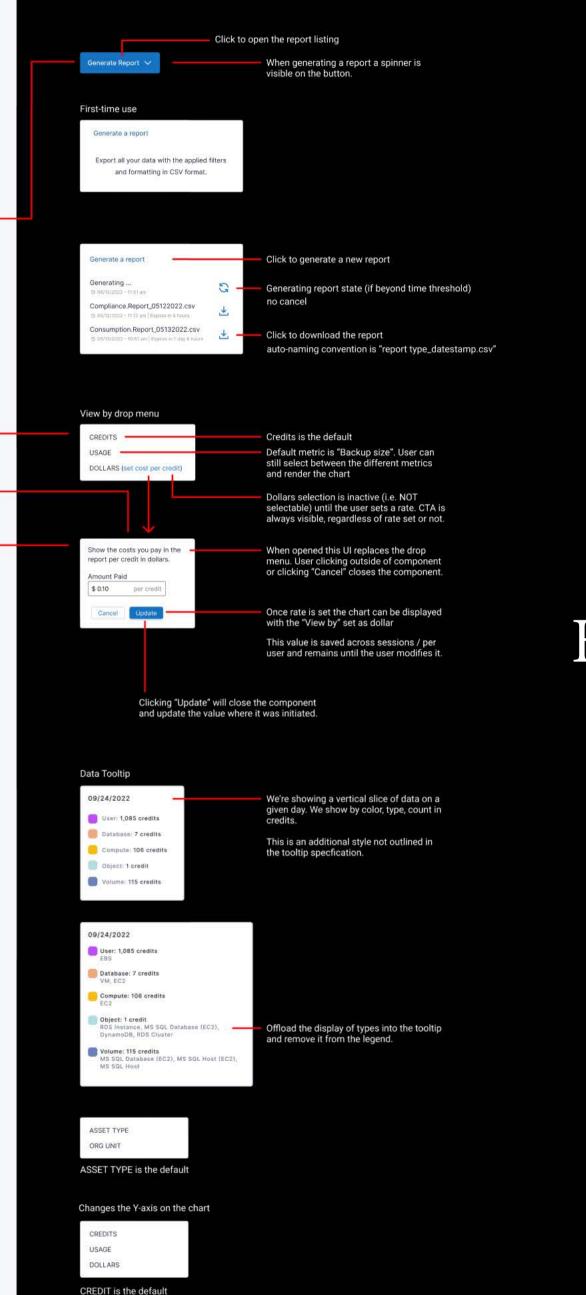
This is an additional style r the toolf in Americanon.



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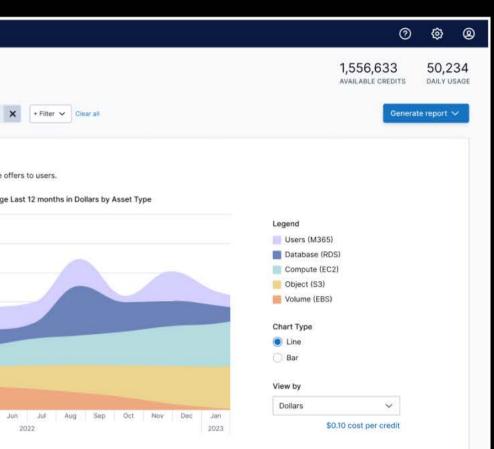


# High Fidelity, Details



### Implemented design

| LUMIO   |   |   |   |  |                  |  | 0                | ¢  |
|---|---|---|---|--|------------------|--|------------------|--|
| - Reports list<br>Consumption report  |   |   |   |  |                  | 56,633   | 5C               |  |
|   |   |   |   |  |                  | Contra I   |                  |  |
| <ul> <li>Date range: Last 1</li> </ul>  | 2 months V X                                      | Data: Asset type  | e ✓ X + Filte                               | r 🗸 Ciear all  |                  |  | Genera           | te repo  |
| Credit usage  |   |   |   |  |                  |  |                  |  |
| Introductory stater   | ment on credit usage                              |   |   |  |                  |  |                  |  |
| \$14,000  |   | Highest Credit  | Usage Last 12 mon                           | ths in Dollars by Asset Type   |                  | Legend   |                  |  |
| \$12,000  |   |   |   |  |                  | Users (M365)   |                  |  |
| \$10,000  |   |   |   |  |                  | Database (RDS) Compute (EC2)   |                  |  |
| gg \$8,000  |   |   |   |  |                  | Object (S3)  |                  |  |
| OLLAF   |   |   |   |  |                  |  |                  |  |
| \$6,000   |   |   |   |  |                  | Chart Type<br>Chart Type   |                  |  |
| \$4,000   |   |   |   |  |                  | 🔘 Bar  |                  |  |
| \$2,000   |   |   |   |  |                  | View by  |                  |  |
| 0   | Jan Feb M   | Aar Apr M   | ay Jun Jut                                  | Aug Sep Oct Nov  | Dec Jan          | Dollars  | ~                |  |
|   |   |   | 2022  |  | 2023             | \$0.10 co  | st per credit    |  |
| <ul> <li>Credit pool</li> </ul>   |   |   |   |  |                  | () Learn More about Co   | onsumption and ( | Credit   |
| All Active  | Inactive<br>Usable O                              | n   | Date Created                                | Expiration Date  | Original Credits | Credits Remaining  | Yesterday's l    |  |
| Signup  | All Asset   |   | Jan 3, 2022                                 | Jan 2, 2023  | 150,000          | 10,233   |                  | 5,0  |
| Prepaid   | M365  |   | 314 days ago<br>Jun 5, 2022<br>170 days ago | 362 days<br>Jun 4, 2023<br>179 days  | 15,321,034       | 10,323,333   |                  | 30,0   |
| POC   | M365 + n  | nore  | Jun 5, 2022                                 | June 30, 2022  | 3,000            | 3,000  |                  |  |
| FOG   |   |   | 180 days ago                                | 155 clave  | 01000            | -1   |                  |  |
| Prepaid   | All Asset   | Types   | 180 days ago                                | 155 days<br>June 4, 2023<br>179 days   | 10,000           | 10,000   |                  |  |
| Prepaid   | All Asset<br>All regions<br>Volume (EBS)          | Types<br>V<br>Object (S3)   |   | June 4, 2023   |                  |  | \$0.10 cos       | t per  |
| Prepaid<br><b>Rate card</b><br>Backup Region:   | All regions                                       | ~   |   | June 4, 2023<br>179 days   |                  |  |                  |  |
| Prepaid<br><b>Rate card</b><br>Backup Region:   | All regions                                       | V<br>Object (S3)  |   | June 4, 2023<br>179 days<br>Database (RDS)   |                  | 10,000   |                  | ar/Cr  |
| Prepaid<br>~ Rate card Backup Region:   | All regions<br>Volume (EBS)                       | <ul><li>✓</li><li>Object (S3)</li><li>Operation</li></ul>   |   | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered   |                  | 10,000<br>Credits/Unit   |                  | ar/Cr<br>\$  |
| Prepaid<br>V Rate card<br>Backup Region:<br>All Active<br>Product<br>EBS  | All regions<br>Volume (EBS)<br>ora Airgap         | Cobject (S3)<br>Operation<br>Backup   |   | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered<br>GiB/month  |                  | 10,000<br>Credits/Unit<br>4.5  |                  | t per<br>lar/Cro<br>\$<br>\$   |
| Prepaid  Rate card Backup Region: All Active Product EBS RDS Non-Auro   | All regions<br>Volume (EBS)<br>ora Airgap         | Cobject (S3)<br>Operation<br>Backup<br>Backup   |   | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered<br>GiB/month<br>GiB/month   |                  | 10,000<br>Credits/Unit<br>4.5<br>100   |                  | lar/Cr<br>\$   |
| Prepaid          Prepaid         ~ Rate card         Backup Region:         All         Active         Product         EBS         RDS Non-Auro         RDS Aurora Air  | All regions<br>Volume (EBS)<br>ora Airgap         | Cobject (S3)<br>Operation<br>Backup<br>Backup<br>Backup   |   | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered<br>GiB/month<br>GiB/month   |                  | 10,000<br>Credits/Unit<br>4.5<br>100<br>100                                    |                  | ar/Cro<br>\$   |
| Prepaid   | All regions<br>Volume (EBS)<br>ora Airgap         | Object (S3) Operation Backup Backup Backup Backup Backup  | -<br>Compute (EC2)                          | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered<br>GiB/month<br>GiB/month<br>GiB/month  |                  | 10,000<br>Credits/Unit<br>4.5<br>100<br>100<br>100                             |                  | s<br>s<br>s  |
| Prepaid   | All regions<br>Volume (EBS)<br>ora Airgap         | <ul> <li>✓</li> <li>Object (S3)</li> <li>Operation</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> </ul>                 | -<br>Compute (EC2)                          | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered<br>GiB/month<br>GiB/month<br>GiB/month<br>GiB/month   |                  | 10,000<br>Credits/Unit<br>4.5<br>100<br>100<br>100<br>100                      |                  | s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s<br>s      |
| Prepaid   | All regions<br>Volume (EBS)<br>ora Airgap         | <ul> <li>✓</li> <li>Object (S3)</li> <li>Operation</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> <li>Backup</li> </ul> | -<br>Compute (EC2)<br>ement                 | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered<br>GiB/month<br>GiB/month<br>GiB/month<br>GiB/month<br>GiB/month  |                  | 10,000<br>Credits/Unit<br>4.5<br>100<br>100<br>100<br>100<br>100               |                  | lar/Cr<br>\$<br>1<br>1<br>1  |
| Prepaid  Rate card Backup Region: All Active Product EBS RDS Non-Auro RDS Aurora Air RDS GRR S3 Cold S3 Cold S3 Cold  | All regions<br>Volume (EBS)<br>ora Airgap<br>rgap | Cobject (S3) Coperation Backup   | -<br>Compute (EC2)<br>ement                 | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered<br>GiB/month<br>GiB/month<br>GiB/month<br>GiB/month<br>GiB/month<br>GiB/month                             |                  | 10,000<br>Credits/Unit<br>4.5<br>100<br>100<br>100<br>100<br>100<br>100        |                  | ar/Cr<br>\$<br>\$<br>\$  |
| Prepaid         ~ Rate card         Backup Region:         All         Active         Product         EBS         RDS Non-Auro         RDS Aurora Air         RDS GRR         S3 Cold         S3 Cold         S3 Frozen | All regions<br>Volume (EBS)<br>ora Airgap<br>rgap | Cobject (S3) Coperation Backup Backup Backup Backup Backup Backup Backup Backup Manag   | -<br>Compute (EC2)<br>ement                 | June 4, 2023<br>179 days<br>Database (RDS)<br>Unit Metered<br>GIB/month<br>GIB/month<br>GIB/month<br>GIB/month<br>GIB/month<br>GIB/month<br>IM managed objects/month |                  | 10,000<br>Credits/Unit<br>4.5<br>100<br>100<br>100<br>100<br>100<br>100<br>100 |                  | s<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5 |



The following screens are from projects incorporating the same design process as outlined.

# XYGATE SecurityOne<sup>®</sup> All Systems Dashboard

#### Overview Customize **8** \* 24≗ **31**\* **EXPAND Operations Critical Incidents Collection Aborted** occurred today since last logon since last logon 423 \* **249**\* COMPLIANCE Incidents System is Compliant Alerts as of 9/4/2020 (i) on 9/4/2020 on 9/4/2020

ASSETS

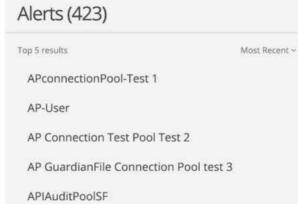
MONITORS

INCIDENTS

#### ASM

XYPRO





COMPLIANCE

ACTIVITIES

\$SYSTEM.XYGATE

View all

APPLIANCE SENTRY

#### Incidents (692)



NonStop user logged on as SUPER.SUPER

View all

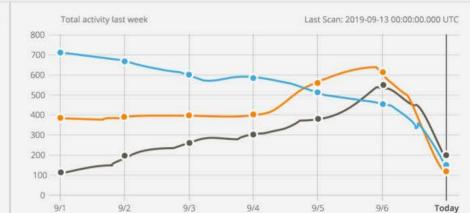
CONTENT PROPAGATED BY INTERACTION WITH **RESULT ACTIVITY FROM** -GLOBAL SEARCH RESULTS -ACTIVE UI ELEMENTS INTERACTION -RESULTS USER INTERACTED WITH

S.....

#### Compliance

Status Framework HPE NonStop Security Hardening Guide (1) See Results PCI-DSS 3.2.1

See Results



Critical (140) Major (76) Minor (33)



#### Passed 🛞 Failed (1) Error 🚫 Not Scanned

Previous scan

Time of scan

4 days ago

10/25/2019 at 01:50AM UTC

4 days ago 10/25/2019 at 11:50PM UTC

34 days ago 09/26/2019 at 11:14AM UTC

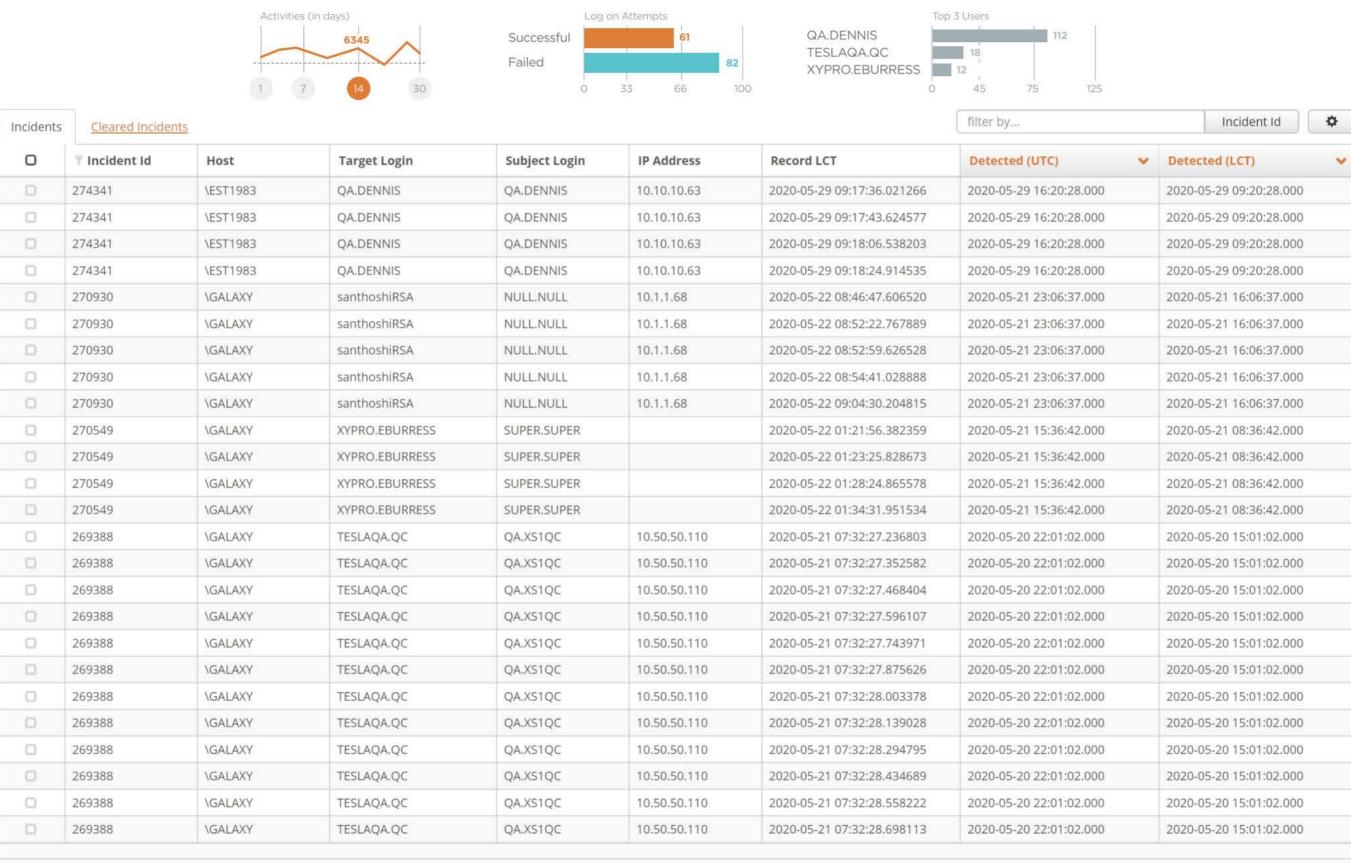
5 days ago 10/24/2019 at 11:50PM LITC

MICHAEL.KOSMATKA

**Recent Activity** Last Logon on 7/21/2020

Added (159) Removed (134) OMOD Modified (145)

Incidents (Expanded View) Security Intelligence Home Successful log on after multiple failed log on attempts





25

#### $\equiv$ ₩ 2020-01-19 (UTC) to ₩ 2020-02-19 (UTC) -

#### (xos) XYGATE OBJECT SECURITY

#### ProTips O John Sangmeier

#### Rules for \GUARD



# Name

#### 1 NCI-SYSTEM

- 2 NCI-VNCI-SUPERUSER
- 3 NCI-VNCI-1
- 4 NCI-VNCI-3
- 5 NCI-DENY-THE-REST
- 6 SCOTT-TEST
- 7 BASE24-SYSTEM
- 8 BASE24-1
- 9 BASE24-DSMSCM-SOL
- 10 BASE24-DENY
- 11 XYGATESR-ORFILES
- 12 VIEWPT-TERMTACL-SECURITY
- 13 USERID-AND-LUSERID-SECURITY-READ
- 14 USER-LUSER-SECURITY
- 15 SECURE-SAFE-AUDITS
- 16 SYSTEM-SJU-FILES
- 17 TEST-CASE-46924C (disabled)
- 18 SQL-RENAME-TEST (disabled)
- 19 XYGATE-XAC-SUBVOL (disabled)
- 20 XYGATE-XCM-SUBVOL

21 XYGATE-XHE-SUBVOL-1

- 22 XYGATE-XHE-SUBVOL-2
- 23 XYGATE-XIL-SUBVOL
- 24 XYGATE-XIL-SUBVOL
- 25 XYGATE-XIM-SUBVOL
- 26 XYGATE-XMA-SUBVOL
- 27 XYGATE-XOS-SUBVOL
- 28 XYGATE-XPC-SUBVOL
- 29 XYGATE-XHE-SUBVOL
- 30 XYGATE-XHE-SUBVOL
- 31 XYGATE-XIL-SUBVOL
- 32 XYGATE-XIM-SUBVOL

#### Details of NCI-SYSTEM

#### **RULE NAME**

NCI-SYSTEM

#### DESCRIPTION

Enter a brief description of the rule

#### COMMENT

This is a comment for the rule - use console for form specific comments.

| GROUPS & USERS | Add             | 392        |
|----------------|-----------------|------------|
| 🔮 \$NCI        |                 | 393<br>394 |
| 🔮 \$WF82       |                 | 395        |
| PERMISSIONS    | Allow Deny None | 396<br>397 |
| OSS-ACL        | ٥               | 398<br>399 |
| OSS-BIND       | 0               | 400        |
| OSS-CHMOD      | 0               | 402        |
| OSS-CHDIR      | 0               | 404        |
| OSS-CHOWN      | 0               | 405        |
| OSS-CHROOT     | 0               | 406        |
| OSS-MKNOD      | 0               | 468        |
| OSS-STAT       | 0               | 409        |
| OSS-SYMLINK    | 0               | 410        |
| OSS-UNLINK     | 0               |            |

#### MASKS

\$SYSTEM.\*.\* \$DATAA.SYSPRSPL.SPLDATA \$DATAA.SYSPRSPL.SPL1DATA \$SYSTEM.SYSNN.\* \$SYSTEM.SYSTEM.\* \$SYSTEM.ZTCPIP.\* NOT \$SYSTEM.SYSTEM.USERID

**KEYWORDS** AUDIT\_ACCESS\_PASS ON



CONSOLE

384

385

386

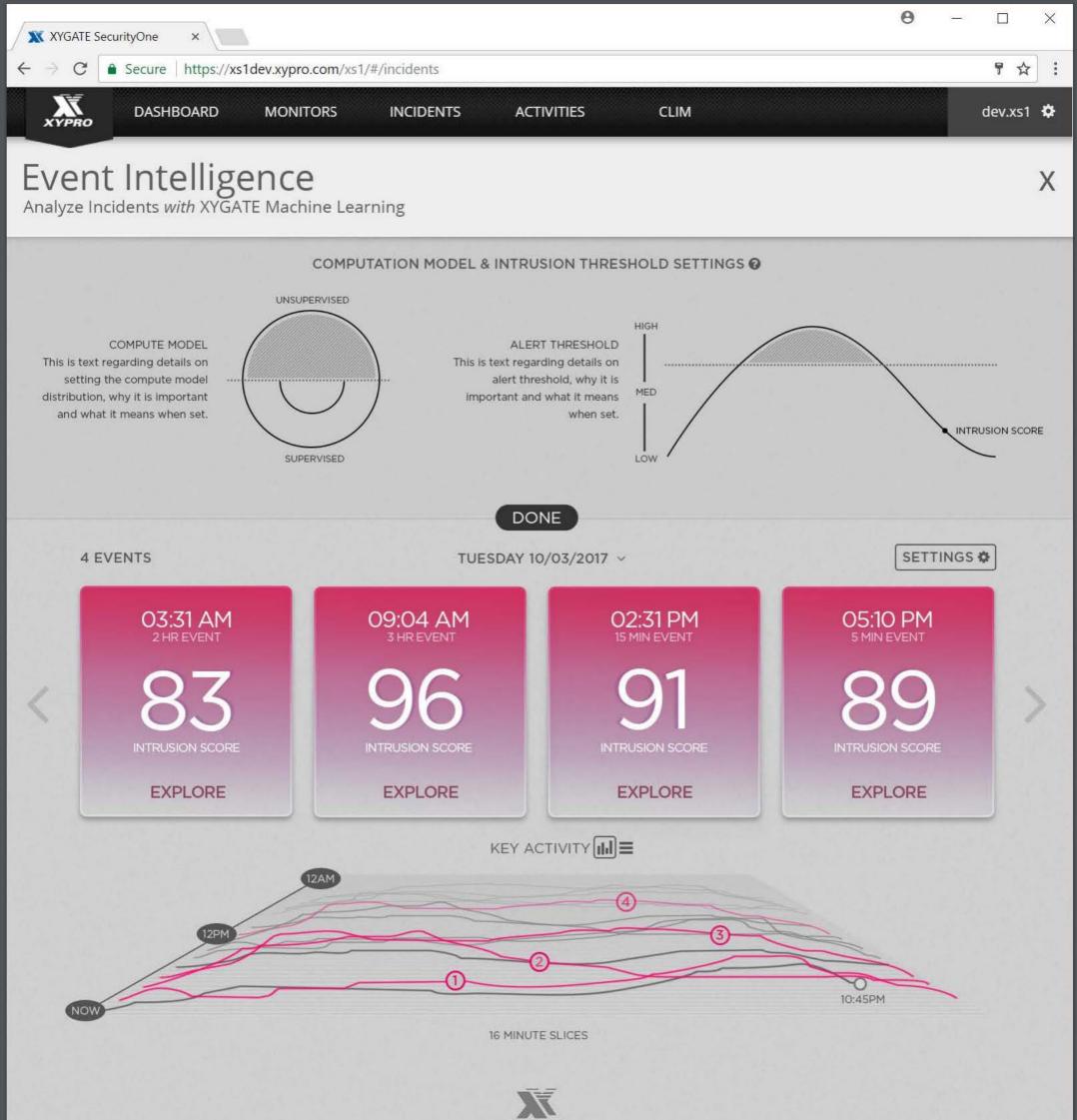
387

388

389

REQUIRED

#### Line Configuration Script #IF @NODE LIKE "(\\EST1983|\\XYS7000)" FOGROUP NCI-SYSTEM **IOWNER** : SUPPORT TEAM **!CREATION** : 2013/11/20 (MAC) : For NCI access on \$SYSTEM & spooler collectors \$S and \$S1 !REASON **INOTES** : TEXT !MODIFICATION: YYYY/MM/DD (WHO) - TEXT 1 "NCI - \$SYSTEM and spooler collector access" DESCRIPTION MASK \$SYSTEM.\*.\* \$DATAA.SYSPRSPL.SPLDATA \$DATAA.SYSPRSPL.SPL1DATA \$SYSTEM.SYSNN.\* \$SYSTEM.SYSTEM.\* \$SYSTEM.ZTCPIP.\* NOT \$SYSTEM.SYSTEM.USERID USER \$NCI ACL \$NCI (R, E) PROCESS AS ACL ! FINAL answer, no further checking AUDIT\_ACCESS\_PASS ON ! Audit Successes? AUDIT ACCESS FAIL ON ! Audit Fails? AUDIT\_WARNING\_PASS OFF ! Write Success, If Warning AUDIT WARNING FAIL OFF ! Write Fail, If Warning WARNING MODE OFF



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# New York City

MD Insider analyzes physician performance using big data to create unique Physician Performance Profiles. To showcase these profiles, MD Insider is highlighting 10 of the highest performing doctors in New York City:

## Holly F. Middlebrook, MD Knee Replacement



Show me how this works





Holly F. Middlebrook, MD



#### Summary analysis:

Dr. Middlebrook ranks in the top 5% of 1843 peers in the New York area for Knee Replacement based on her experience and outcomes derived from the analysis of more than 3 billion rows of data representing 78 million clinical interactions.

#### OTHER SERVICES:

| Ankle tendon tear    |  |
|----------------------|--|
| Knee meniscus repair |  |
| Torn ligament (knee) |  |
| Ankle sprain         |  |

View analysis » View analysis » View analysis » View analysis » Orthopedic Surgeon Make Appointment »

Experience 10+ years

#### Affiliations



University Medical Center

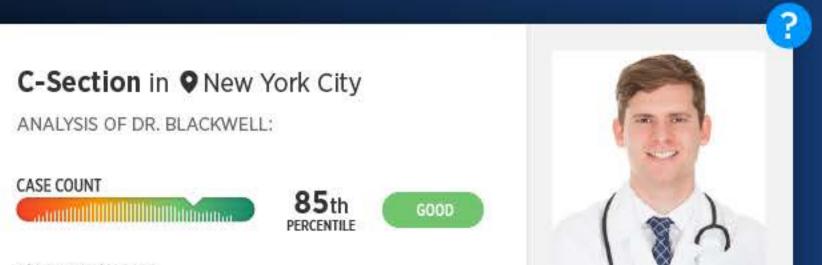
#### Locations



111 Main Street New York, New York 10019

Education University of Pittsburgh

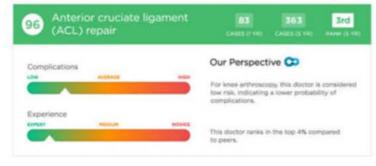
## John R. Blackwell, MD C-Section



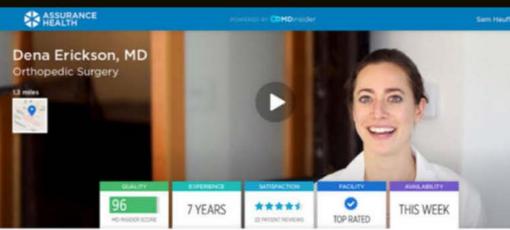




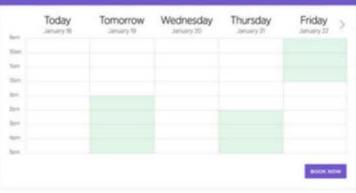




| Other Services |                          | CASES (1 YR) CASES (3 YR |     | AANK (\$ 98) |  |
|----------------|--------------------------|--------------------------|-----|--------------|--|
| 8              | Knes.sprain              | 62                       | 274 | 6th          |  |
| 93             | Knee meniscus repair     | 60                       | 269 | 9th          |  |
| 0              | Torn ligament (knee)     | 53                       | 238 | 12           |  |
| 6              | Knee arthritis           | 42                       | 189 | 18           |  |
| 6              | Aspiration of knee joint | 32                       | 171 | 26           |  |
| 63             | Ankle.sprain             | 30                       | 135 | 31           |  |
| 0              | Ankle tendon tear        | 19                       | 82  | 34           |  |



#### Office Appointment



#### Telemedicine Appointment

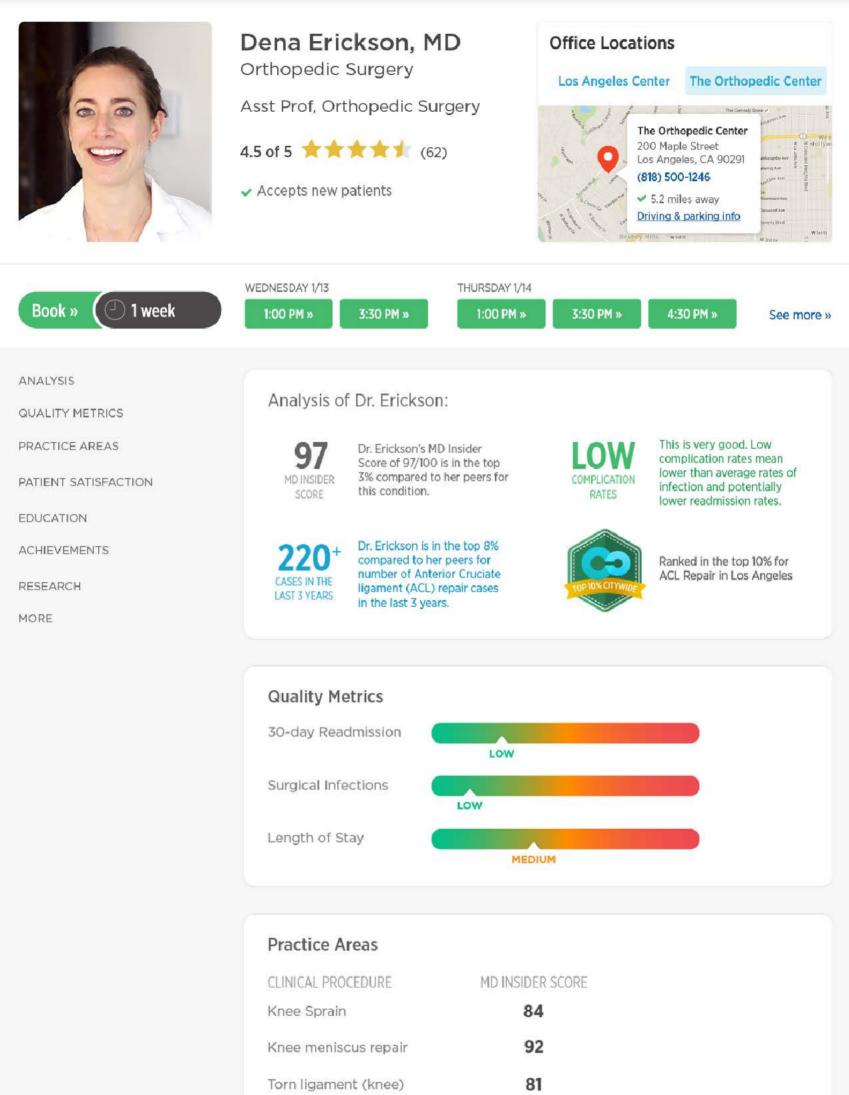
|          | Today      | Tomorrow   | Wednesday      | Thursday<br>January 21 | Friday      |
|----------|------------|------------|----------------|------------------------|-------------|
| in a     | perpary of | January 19 | Consumption of | Servery of             | denoiry ist |
| e.       |            |            |                |                        |             |
| e 1.     |            |            |                |                        |             |
| an ( ) - |            |            |                |                        |             |
| e        |            |            |                |                        |             |
|          |            |            |                |                        |             |
|          |            |            |                |                        |             |
| 2        |            |            |                |                        |             |
|          |            |            |                |                        |             |

#### Book Now

If these times are not convenient, we can find an associate of Dr. Erickson who is experienced treating your condition and is available. Would you like us to find a doctor for you?

BOOK NOW





Show All »



2 1-800-ASSURE-1

## Find a doctor at Assurance

Jse our doctor finder to find the best doctor at Assurance for your health care needs.

Anterior cruciate ligament (ACL) tear

🚳 Anthem Blue Cross

Main Campus

Q

NEWS FROM ASSURANCE



#### Assurance Health Urgent Care Comes to Culver City

The new facility offers convenient, affordable medical care for adults and children seven days a week. Learn more »



#### Assurance Health Urgent Care Comes to Culver City

The new facility offers convenient, affordable medical care for adults and children seven days a week. Learn more »





# Find a doctor at Assurance

Use our doctor finder to find the best doctor at Assurance for your health care needs.

| ant                                   |            | Your insurance (optional) | Main Campus | α  |
|---------------------------------------|------------|---------------------------|-------------|----|
| Conditions                            | see 4 more |                           |             |    |
| Plantar warts                         |            |                           |             |    |
| Plantar fasciitis                     |            |                           |             |    |
| Mantle cell lymphoma                  |            |                           |             |    |
| Anterior cruciate ligament (ACL) tear |            |                           |             | 1  |
| Procedures                            | see 8 more |                           |             |    |
| Lung transplant                       |            |                           |             | 10 |
| Antepartum care                       |            |                           |             |    |
| Kidney transplant                     |            | ng                        |             |    |

### Heart-lung transplant

Specialties Transplant Surgery

Doctorssee 100 moreAlexander Craig Grant, MDPasadena, CAAlice C. Canton, MDBeverly Hills, CAAnthony R. Crecelius, MDLos Angeles, CAAntonia Maria Scremin, MDLos Angeles, CA

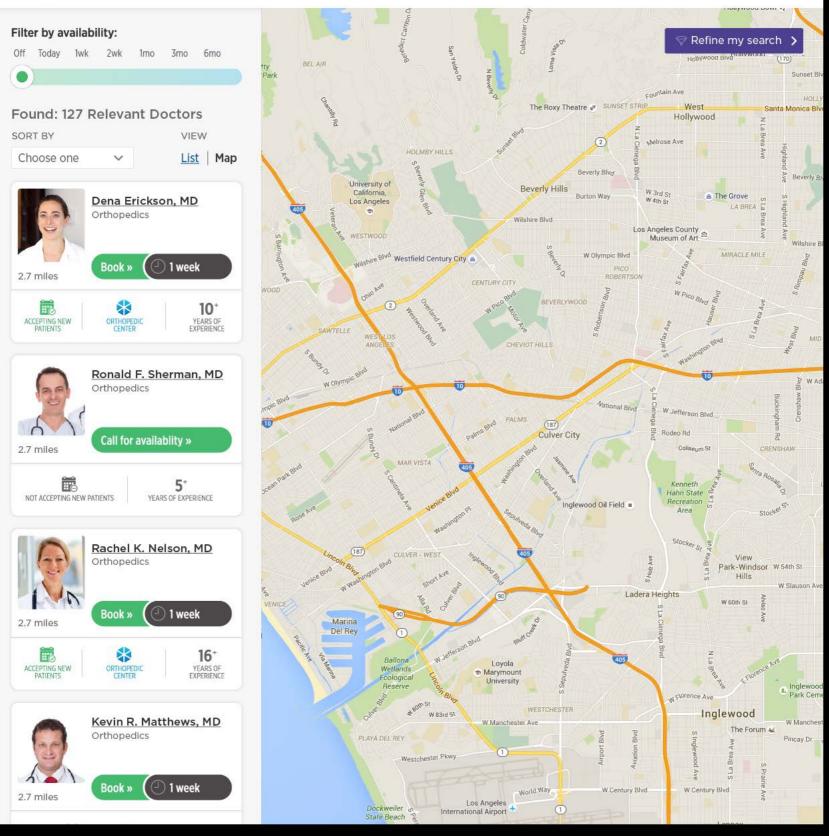


### Assurance Health Urgent Care Comes to Culver City

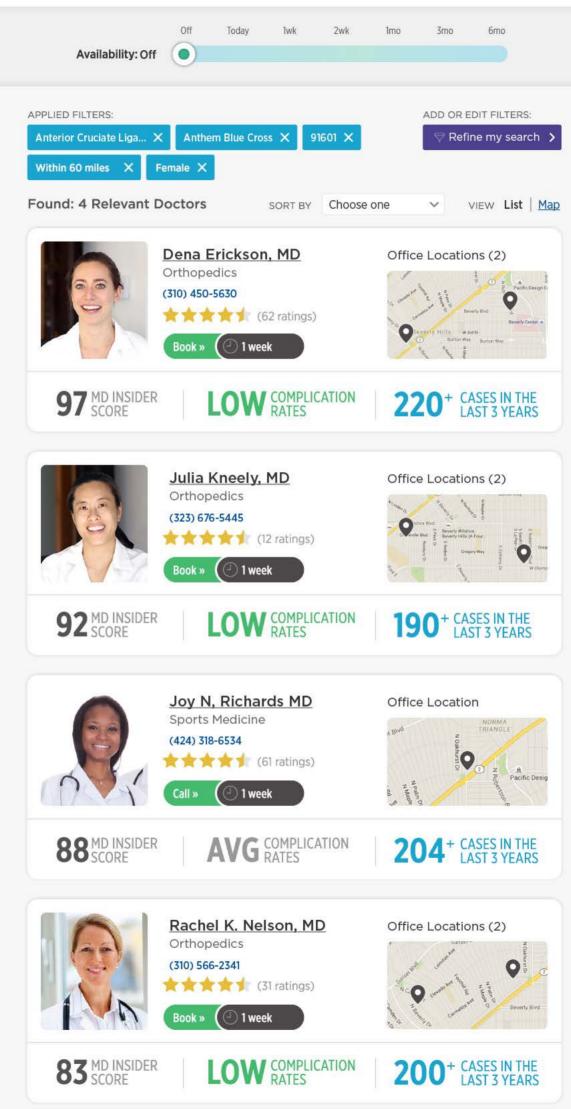
The new facility offers convenient, affordable medical care for adults and children seven days a week. Learn more »

#### Assurance Health

#### @ 1-800-ASSURE-1









🐼 Dr. Chris Lee 🔻

#### Anterior Cruciate Ligament (ACL) Repair

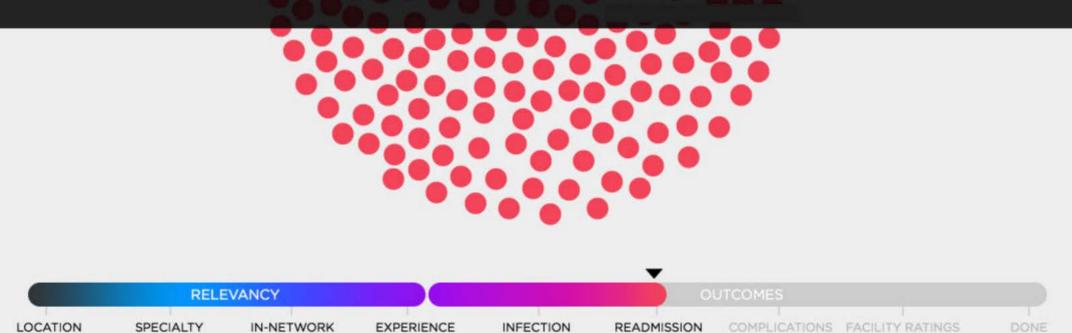






#### READMISSION

9.1% of all patients with private health insurance have a hospital readmission within 30 days. We reduce the score if the readmission rates are above the averages from their peers.



#### **Global Navigation - Menus**

#### Menu (navigating the tree)



|                   |                         | he "Go to" link from the menu<br>er of the screen as a lightbox<br>call to action w |   |
|-------------------|-------------------------|---|---|
| global navigation | What ar                 | e you looking for? (e.  | g "bulk assignment")  |
|                   |                         | -   | element should be treated as a lightbox<br>background should be darkend while this element is<br>active |
|                   | filled criteria an      | d results   | (X  |
|                   | bulk                    | 1   |   |
|                   | page name Bulk Assignme | unts<br>ent (Account Settings)  | ^1  |
|                   |                         |   | ^2  |
|                   | Jour<br>Bulk Assignme   | nals  | ^3  |
|                   | Cons<br>Bulk Assignme   | olidation   | ^4  |
|                   | Send Bulk Em            |   | ^5  |
|                   | Repo<br>Bulk Reportin   | orting  | ^6  |
|                   | module<br>symbols       | resulting screen<br>(auto suggest from query)<br>-screen name<br>-shortened url     | key command<br>shortcuts  |

