



SBG UI Design System

Rapid Design & Development Tools

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Hammurabi & Atomic



- Unified Design System
- Archetypes & Atomic
- Working Groups
- Process



Why Design Systems

- **Does this sound familiar;**

The same thing gets built over and over again

Your product has inconsistent accordions, confusing modal dialogs and competing button styles

It takes new designers, engineers and pm months to fully understand how to use the set design language

- **Stopping the endless loops;**

Does this already exist (Drop-down, select menu, tooltip etc...)

Can others use it?

Have you seen a working solution for this?

Does it solve the problem?

<div><input type="checkbox"/> ▶ DHCPSPAN</div> <div><input type="checkbox"/> ▶ HTTP</div> <div><input checked="" type="checkbox"/> ▼ RADIUS</div>	<div>Expand All / Collapse All</div> <div><div>▶ Authentication/Authorization</div><div>▶ Permissions</div><div>▶ Change of Authorization (CoA)</div><div>▶ Redirect</div></div>	<div>▶ Portal Settings</div> <div>▶ Login Page Settings</div> <div>▶ Acceptable Use Policy (AUP) Page Settings</div> <div>▶ Post-Login Banner Page Settings</div> <div>▶ Employee Change Password Settings</div> <div>▶ Support Information Page Settings</div> <div>▶ My Devices Portal Settings</div>
<div><input type="checkbox"/> Allow EAP-MD5</div> <div>▶ <input type="checkbox"/> Allow EAP-TLS</div> <div><input type="checkbox"/> Allow LEAP</div> <div>▶ <input type="checkbox"/> Allow PEAP</div> <div>▶ <input type="checkbox"/> Allow EAP-FAST</div>	<div><input type="checkbox"/> ▶ RADIUS Authentication Settings</div> <div><input type="checkbox"/> ▶ TACACS+ Authentication Settings</div> <div><input type="checkbox"/> ▶ SNMP Settings</div> <div><input type="checkbox"/> ▶ Advanced TrustSec Settings</div>	

Design Systems

- Dropbox – Scooter
- Priceline – Priceline Design System
- Mozilla Firefox – Photon Design System
- CA Technologies – Mineral UI
- WeWork – Plasma
- HP Enterprise – Grommet
- BBC – Gel
- CloudFlare – Cf-ui
- Rei – Cedar
- Audi – Audi UI
- Atlassian – Atlassian Design Language
- Salesforce – Lightning
- IBM – Carbon
- Intuit - Harmony
- VMware – Clarity Design System
- Microsoft – Office UI Fabric



Atomic

- Common set of tools & assets
- Rapid prototype of ideas
- Reusable components
- Faster development time
- Cost savings
- Portfolio consistency

Cisco Cyber Security Design Principles

- Modern - Relating to present & recent time through new technology, methods & ideas.
- Consistent – Uniform look, user flow & experience between SGB products for quick “learnability”.
- Secure – Provides trust & credibility while being stable and protected from risks & threats.
- Confident – Self assured. Belief that the information displayed is accurate & true. When an action is performed the system captures it.
- Revealing – Transparent: Communicate the complete picture, reveal all.
- Clear – Our products should be easy to understand, create no doubt of confusion in our users mind.
- Marketable – Our security products need a marketable story to make each product easy to sell.
- Intelligent – Design our products that surface emerging problems & help our users make better informed decisions.



Atomic Design

- Atomic Design Group
- Design Principles
- Philosophical Constructs
- Brand
- Guidelines
- Atomic UX Stencils

Atomic UI

- Atomic UI Group
- Dev Principles
- Technology Agnostic
- CSS/HTML

Atomic Working Groups

Atomic Design



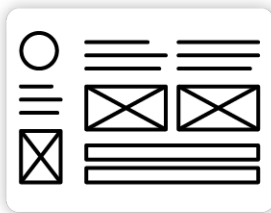
Atomic UI (Front end Developers)



Hammurabi & Atomic Process

1

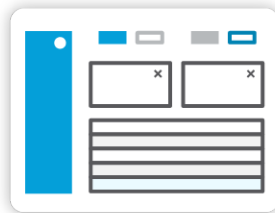
ARCHETYPES



Description
Usage
Behavior

2

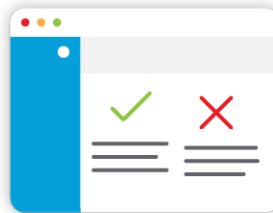
VISUAL ELEMENTS



Particle
Atom
Molecule
Organisms

3

GUIDELINE



Documented
interaction and
visual design,
structure, and
specifications.

WEB KIT



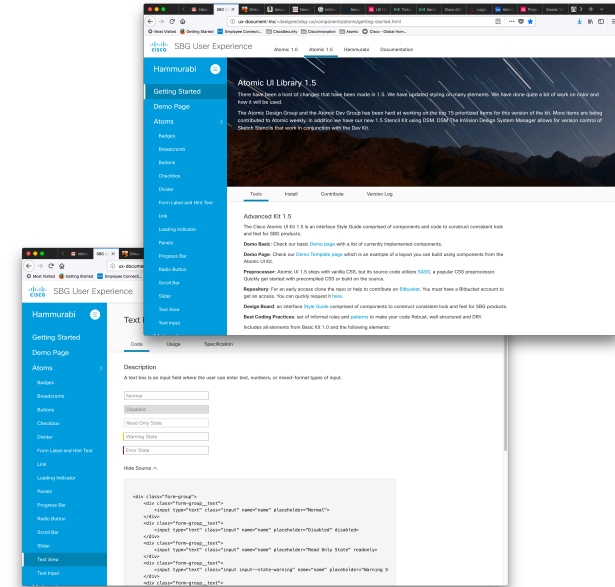
Dev/UX
CSS/HTML
Repository
Icon Library
Terminology

Atomic UI Kit 1.5

- Page Layout
 - Header
 - Content Area
 - Side Panel
 - Footer
 - Login
 - Grid System
- Notification/ Alerts
 - Modal
 - Tooltip
 - Pop over
 - Push Notification
 - Toaster
- Cards
- Dashlet/ Widget
- Filter
 - Tag/ Quick Filters
 - Batch
 - Search Query Filters
- Tables
 - Table Row
 - Table Header
 - Table Footer
 - Table Inline Editing
- Action Bar
- Time Range
- Configuration / Wizard
- Device Registration
- Filtering / Grouping
- Inline Help
- Navigation
- Onboarding
- Reporting
- Scheduling / Date Picker
- Tables
- Tab Group
- User Settings

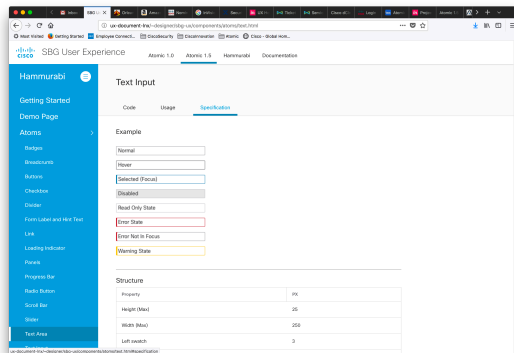
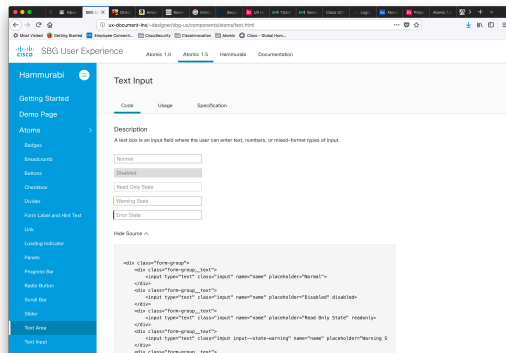
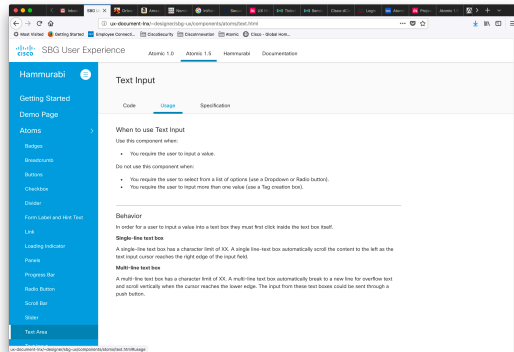
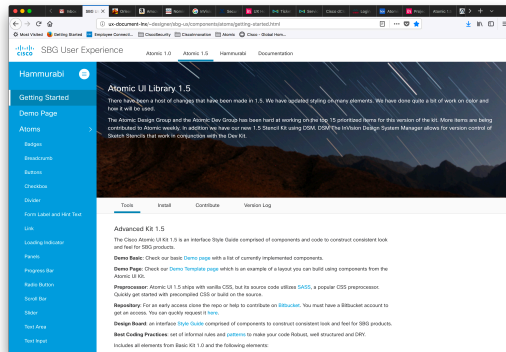
- EULA
- Drag and Drop

- Glossary
- Tone/ Messaging
- Narrative Text
- Accessibility
- Megamenu
- Thumbnail Graphic
- Timeline
- Gripper
- Accordions
- Chart Types
 - Pie
 - Line
 - Bar



SBG UI Site

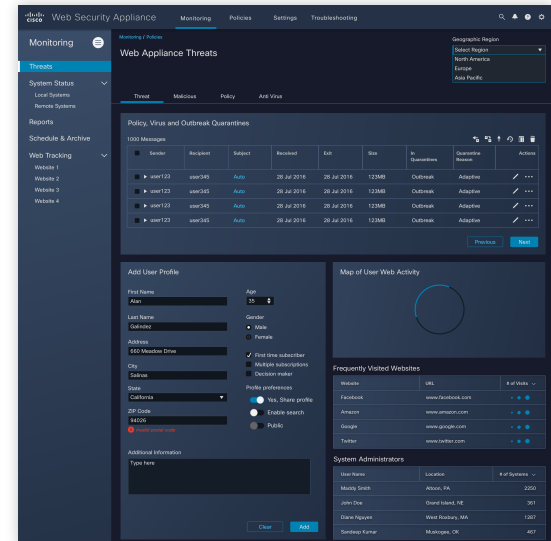
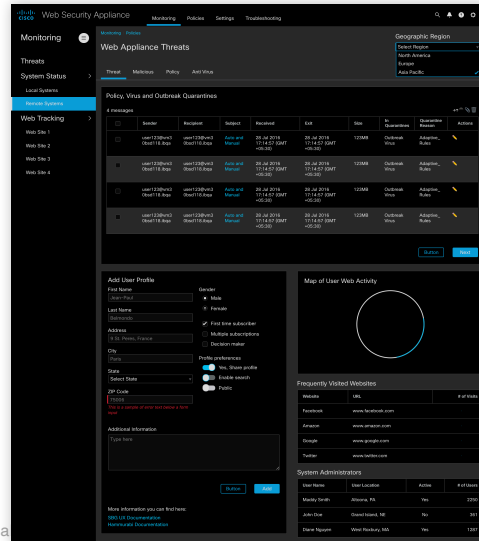
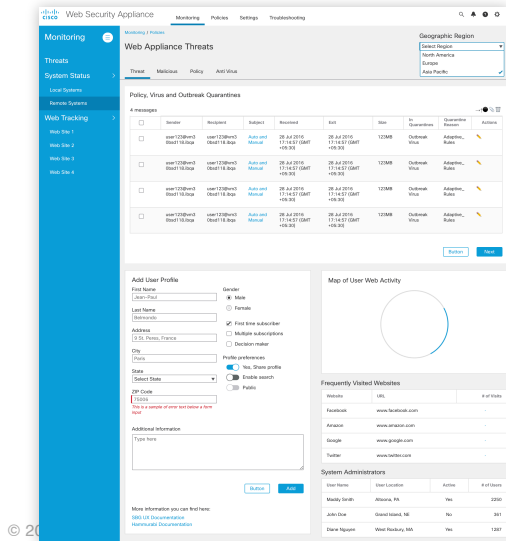
- Atomic UI Library
- Design Guide
- UI Tool Kit
- Demo Page
- Coding Principles
- Version Log
- Stencils
- Archetypes



Theming

- Three themes
- Atomic Demo Page

<http://ux-document-lnx/%7Edesigner/sbg-ux/components/pages/demo.html>





Atomic

- Getting to consistency
 - Atomic Stencils
 - Atomic UI

Stencils

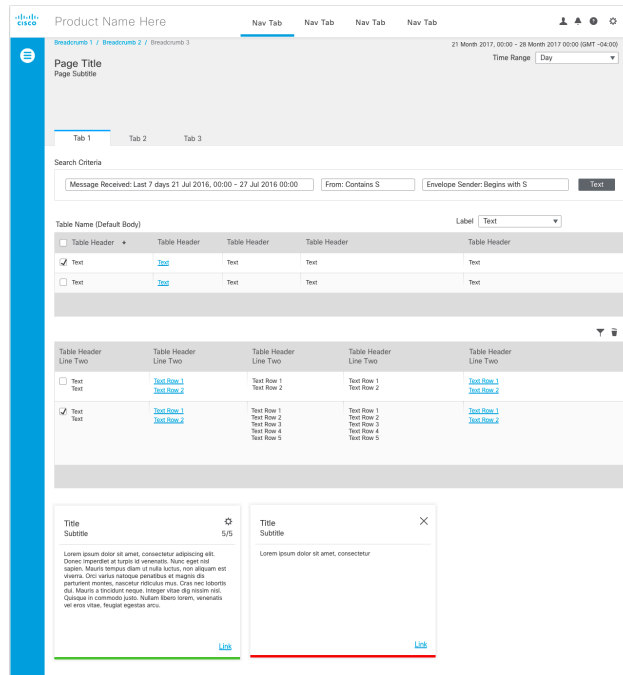
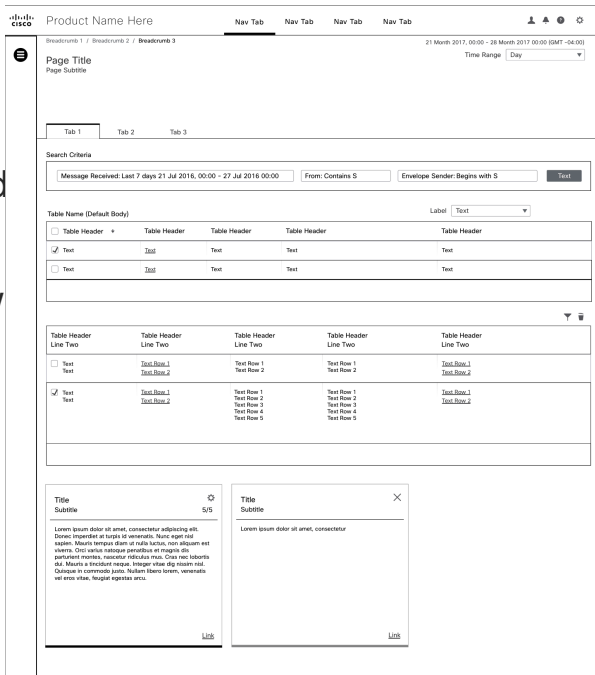
A set of common UI objects

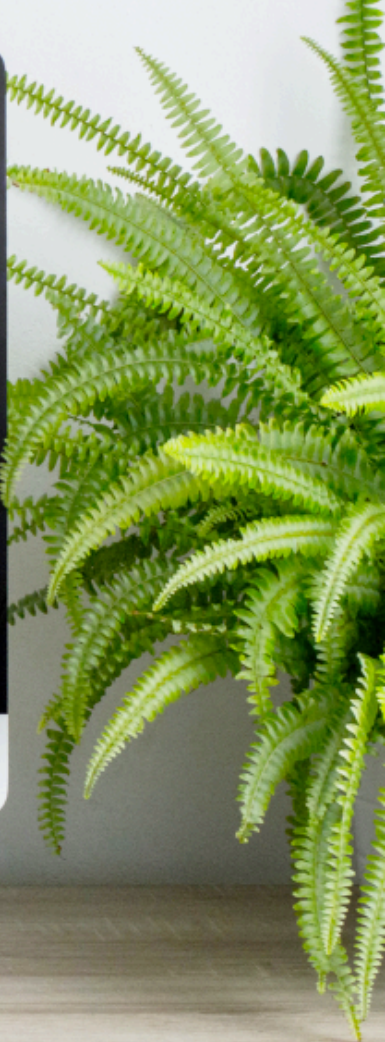
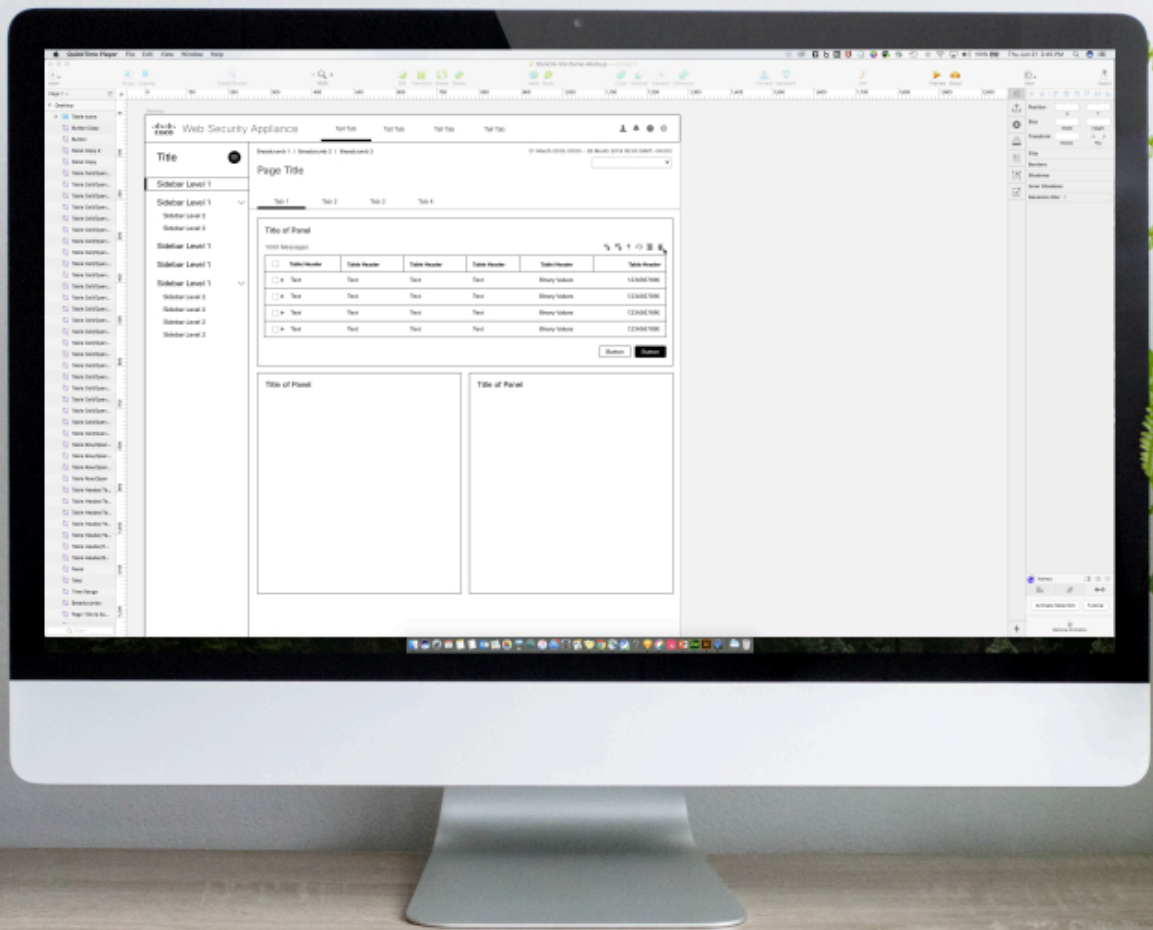
Allow quick mockup of ideas

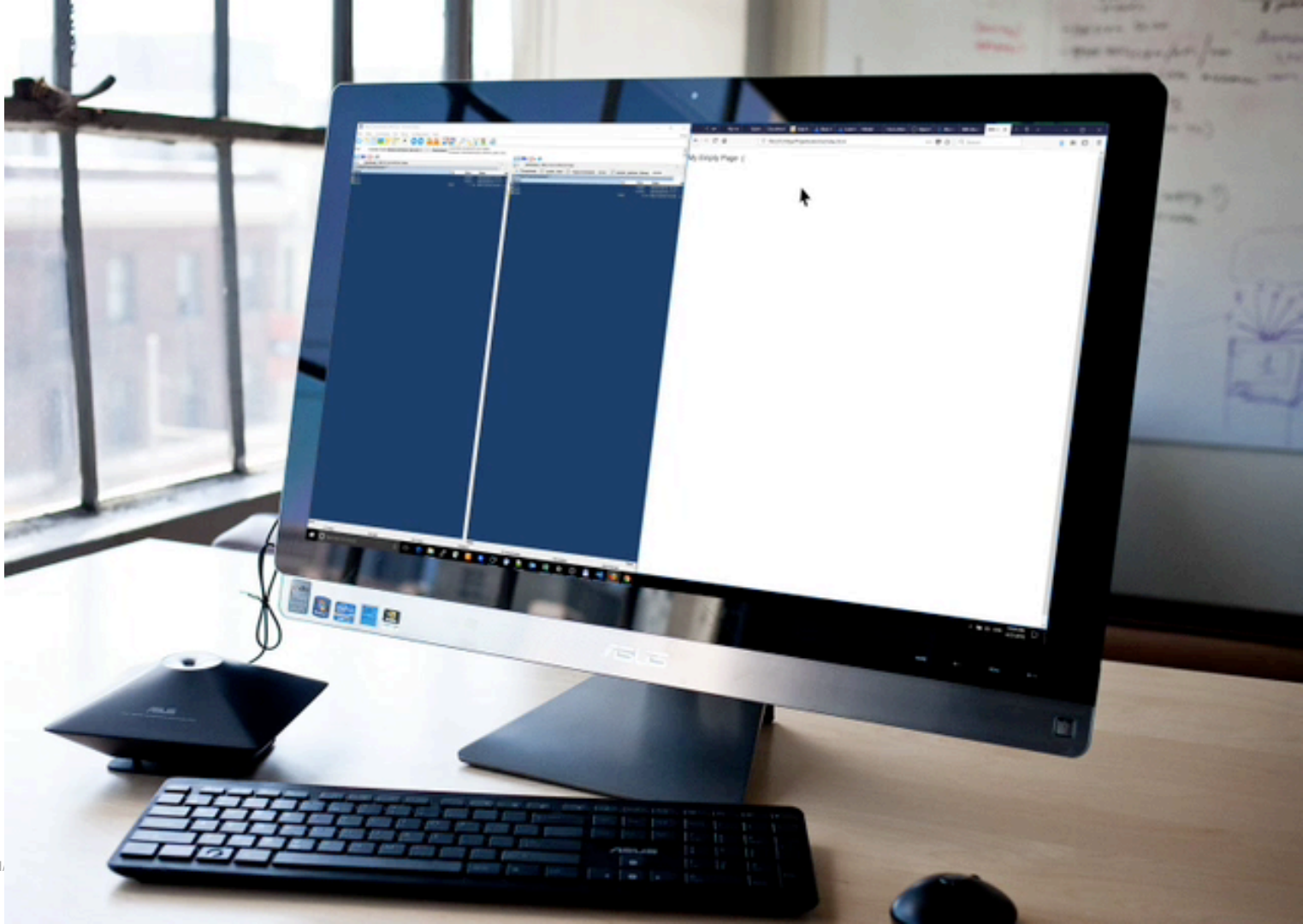
Provide consistency in layout and behavior

Provide flexibility to focus on new ideas and problem areas

Version & access controlled

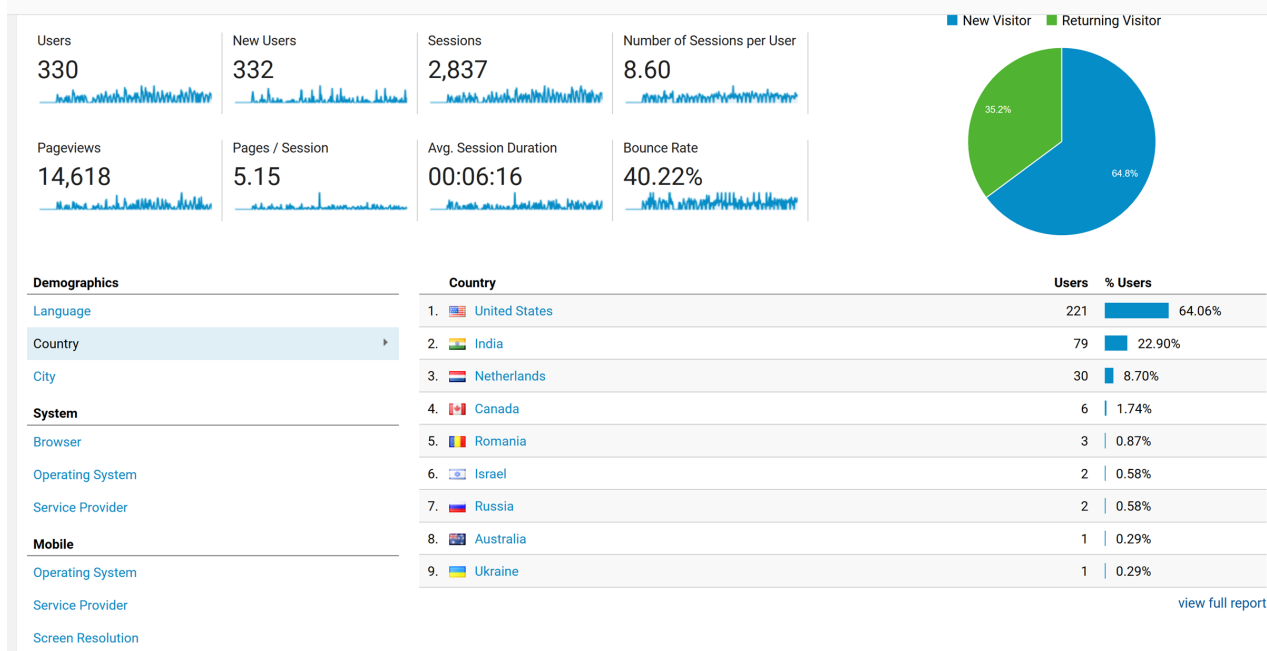




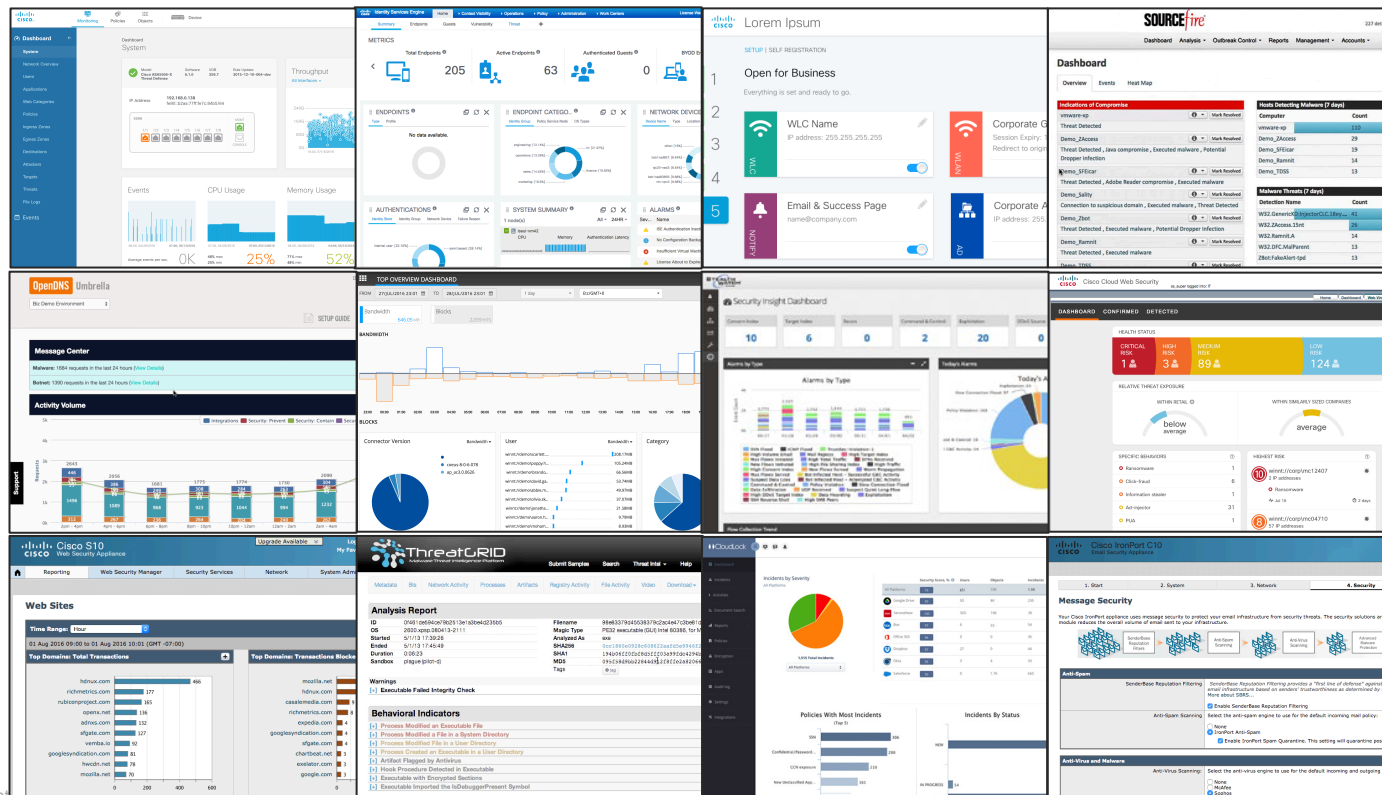


Atomic Site Digest

- 330 Users
- 14k Page views
- 9 countries
- Bounce rate down 40%
- 15 steps (folks reading our work)

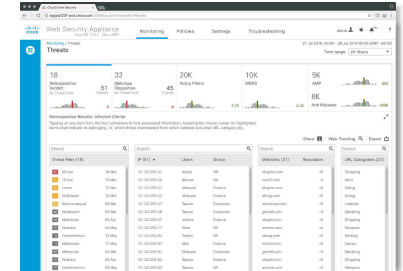
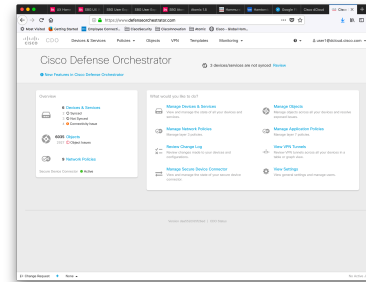
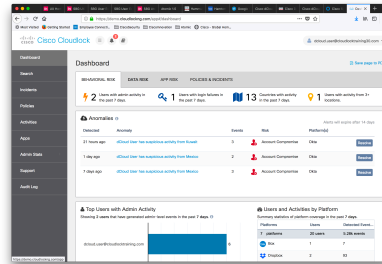
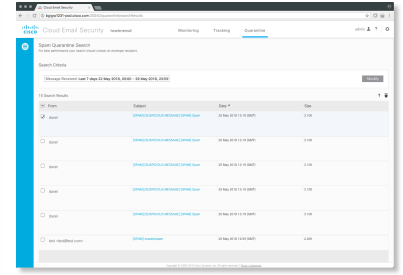
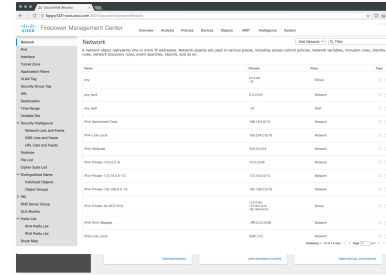
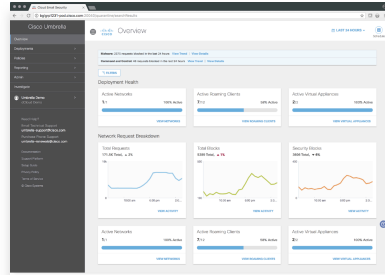


Atomic Implementation



Atomic Implementation

- Umbrella
- CloudLock
- CDO
- ESA
- WSA
- FMC
- FMC



Timeline

Atomic 1.0 Groundwork

- 1.0 Stencils - Delivered
- 1.0 Atomic Tool Kit - Delivered
- Assemble Dev Working Group

Jul 2017

Atomic 1.5 Refinement

- Harden alignment amongst UI teams
- 1.5 Atomic Design
- 1.5 Tool Kit
- 1.5 Stencils
- Additional UX/UI Teams to Working Groups

Nov 2017

Atomic Expansion

- Broaden team to include other UX stakeholders
- Develop 2nd round of UI Design, UI Kit & Stencils

Mar 2018

Atomic 2+ Lifecycle

- Expand/iterate libraries; Mobile, 508, Motion etc...
- Ensure complete portfolio coverage

Jul 2018

Ongoing

Hammurabi & Atomic Resources

- UI Style Guide

<http://ux-document-linx/~designer/sbg-ux/components/atoms/getting-started.html>

- Atomic Demo Page

<http://ux-document-linx/~designer/olga-prototypes/atomic-kit-demo-page/>

- InVison

<https://cisco.invisionapp.com/d/main#/projects/boards/5711556>

- Bitbucket Repo – Dev conventions

<http://go2.cisco.com/Atomic+UI+Kit+Repository>

- Hammurabi – Archetypes

<http://go2.cisco.com/Hammurabi>

