



Building your Vision Forward



Web

Cloud

Mobile

ABOUT SD SHARP

We are a **boutique** software development agency with one of the **best .Net teams in California**. Our **highly experienced full-stack** engineers design state-of-the-art Custom Software Solutions for a variety of high demanding industries.



Founded in 2007



San Diego, CA



Team member average 10 years experience



OUR MISSION

To create **beautiful** custom software solutions that help customers **achieve** their **goals** and move their **vision forward**.

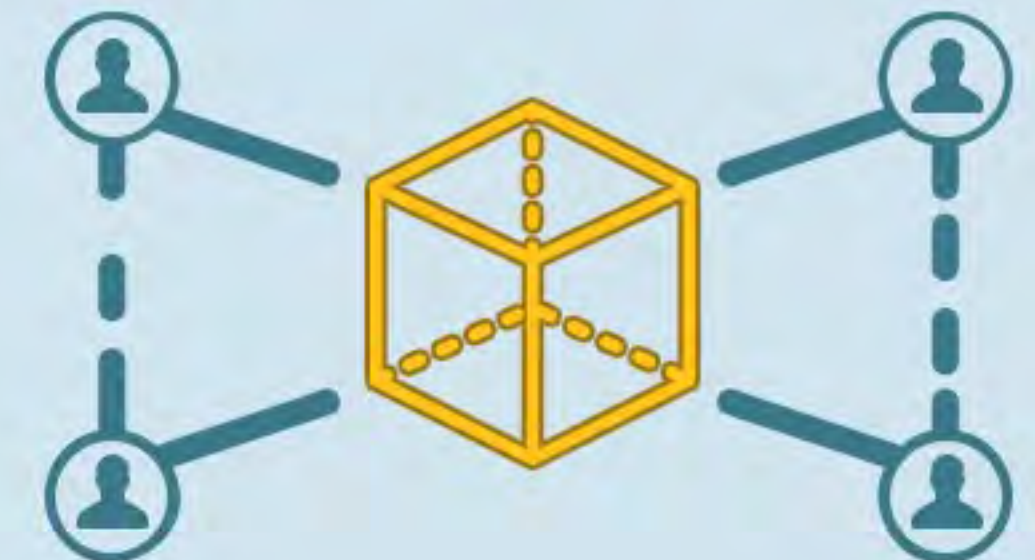
Custom Software

Building a Custom Solution ensures that your business processes are 100% supported by your software.



Software Products

SD Sharp recognizes the opportunity to develop a product when a repetitive and common need raises across an industry.



OUR SERVICES

At **SD Sharp** we provide Custom Software Solutions that help companies **remove inefficiencies** on their current workflows, **improve** their **offering** and **optimize their processes** in order to give them an edge over the competition.



Business Process
Optimization (BPO)



Workflow
Automation



Web
Portals



Mobile
Apps



Gaming
Development



API Cloud
Frameworks



Application
Modernization



Data Migration
and Warehousing



SharePoint
Custom Solutions



3rd Party
Interfaces



Business Intelligence
and Reporting



eCommerce
Optimization

CUBE PROCESS / WHAT IS IT



The Cube Process is our own **improvement/extension** of the **Agile** methodology designed to **eliminate** the repeated pitfalls of conventional software development.

Successes

At the core of our continuous successes lies our **optimized Cube Process**.



Approach

The process follows a **multi-layer matrix** approach interlocking resources and tasks in order to foster high **accountability** within each layer.

Main Goals

of the process is to **provide** constant:



Control



Accessibility



Accountability



Communication



Collaboration

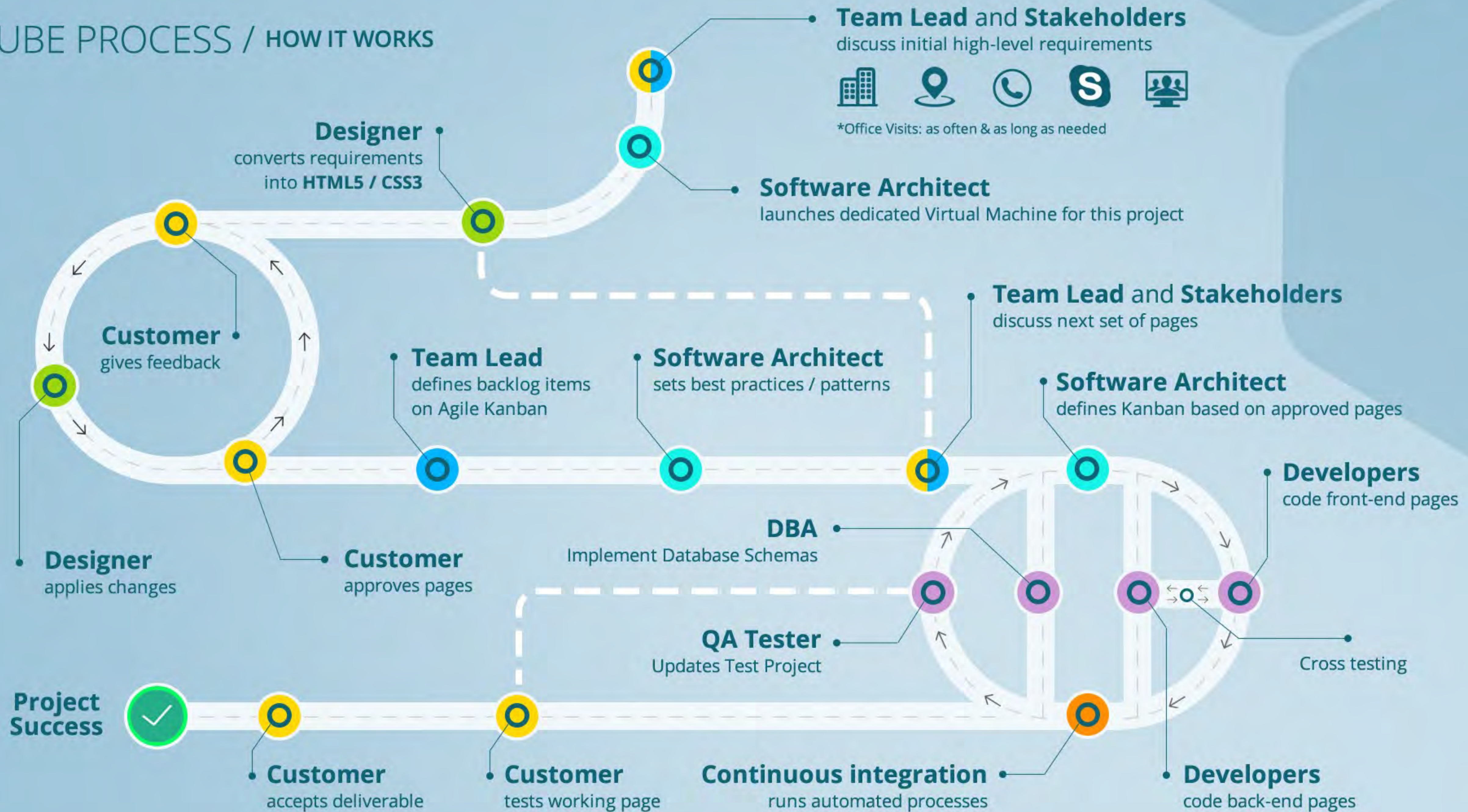


Visibility

Customer awareness

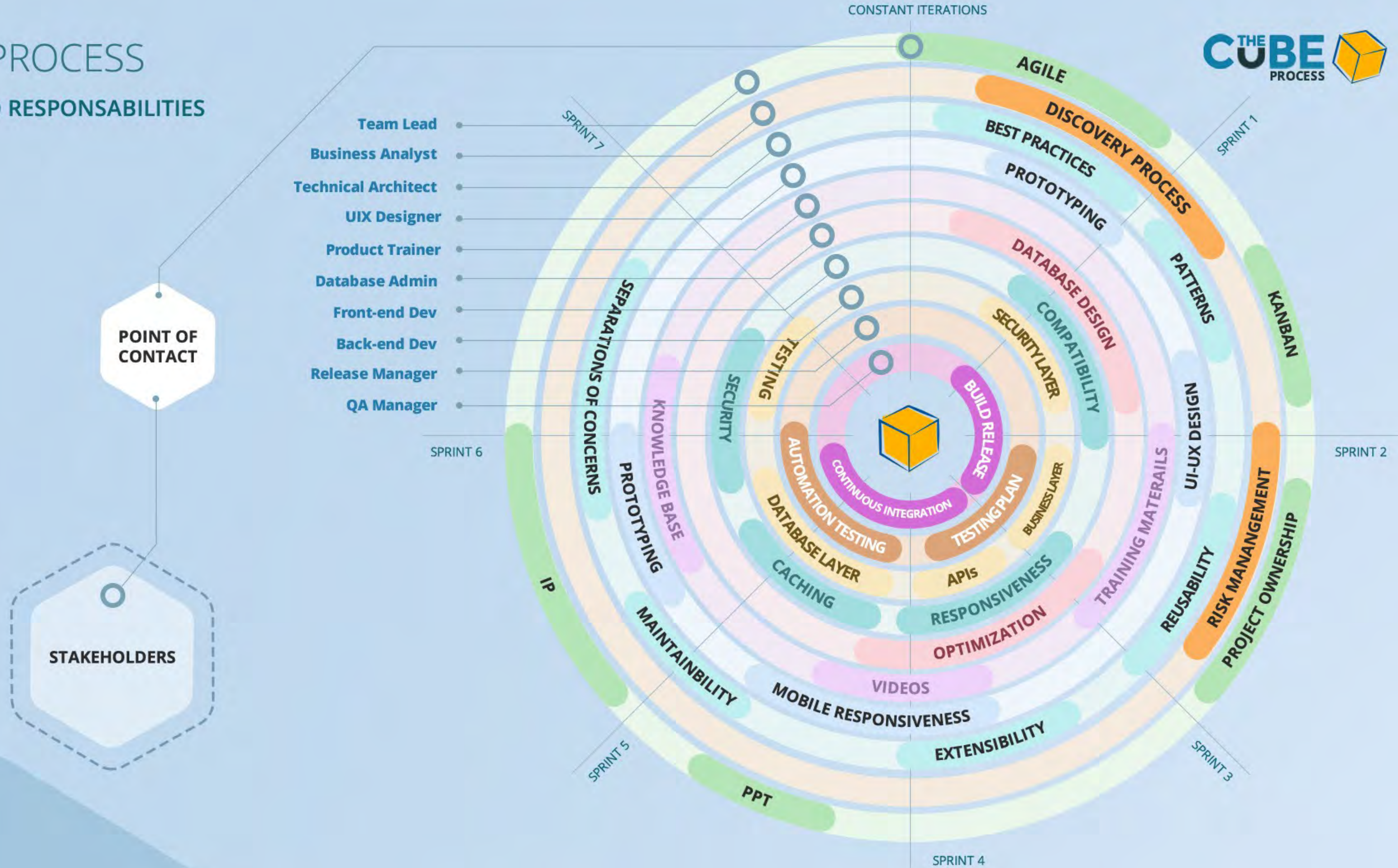
The Cube Process is designed to keep the customer **aware** of **every step** of the development process by boosting **communication, collaboration** and **engagement**.

CUBE PROCESS / HOW IT WORKS



CUBE PROCESS

ROLES AND RESPONSABILITIES



DISCOVERY / WHAT IS IT

This first part of the process is responsible for ensuring that the initial requirements are gathered in a manner that **optimizes** the Customer time, while keeping **low** the **cost** and **time to response**.

Converting the initial high-level **stakeholder requirements** into a **visual representation (HTML5/CSS3)** in order to achieve the following objectives, from the beginning:



Visual Representation of Requirements



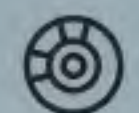
Overall Look and Feel



Responsiveness
(where applicable)



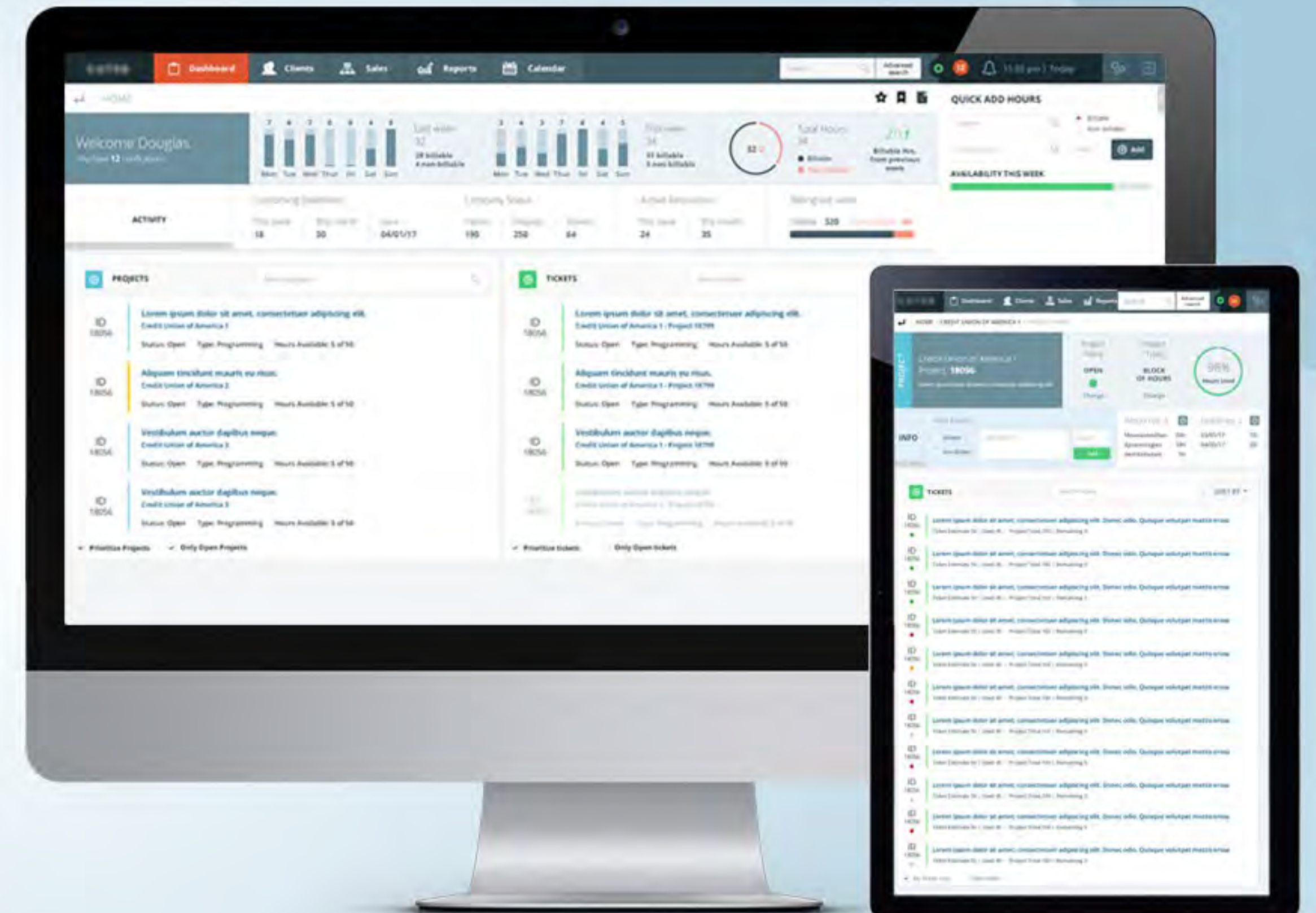
User Experience (UI-UX)



Visual progress updates
(providing control to the customer)



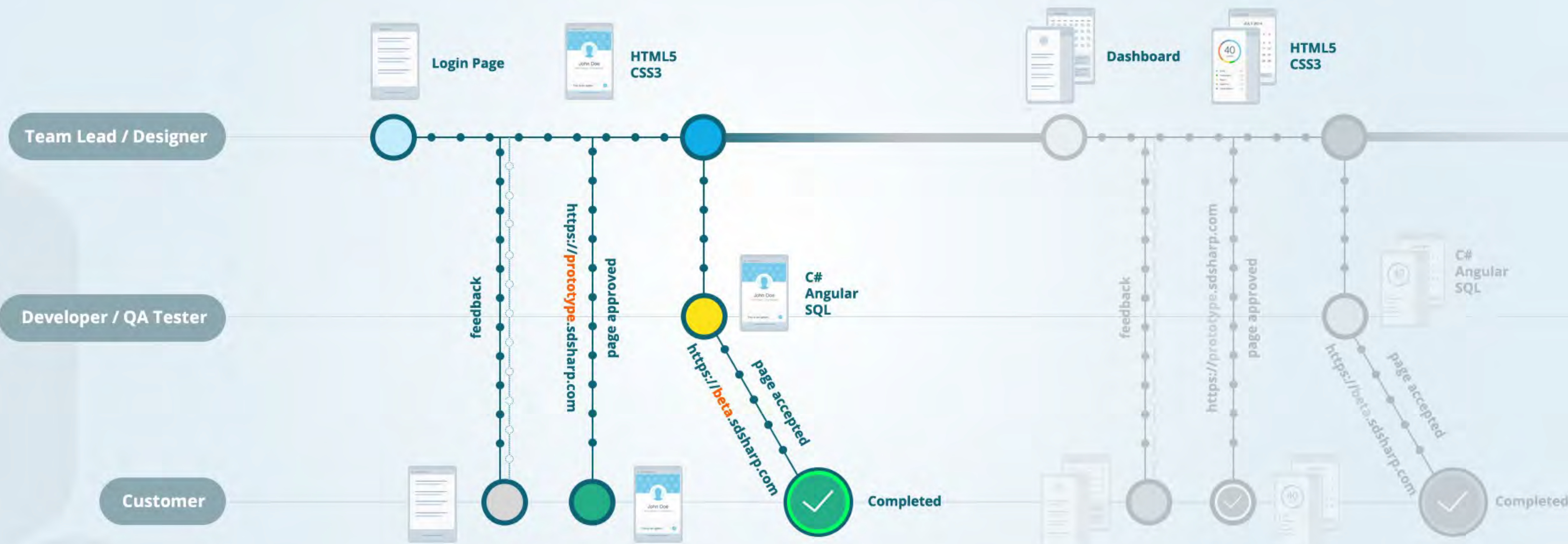
Immediate interactive feedback
(reducing cost of changes)



Success has now a clear path defined by the **visual**, **usability** and **responsiveness** points of view.

DISCOVERY / HOW IT WORKS

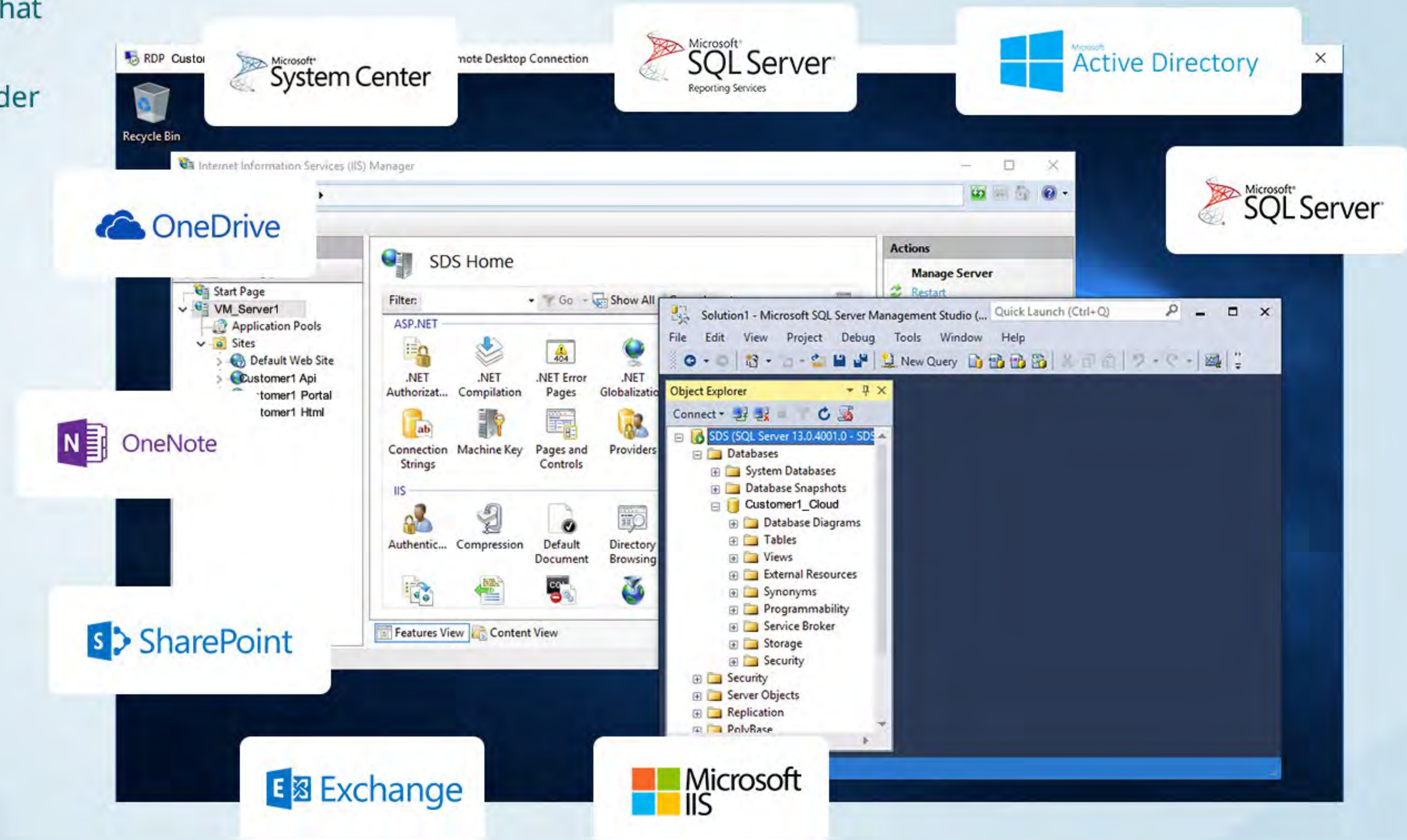
At the core of our success lies the **Customer engagement** and **early feedback**. As the initial pages are **drafted**, the Customer is able to give feedback. As the pages are **coded** and **released** for testing, the Customer can immediately **review** and **approve** accessing the test server.



DEVELOPMENT / VIRTUAL SERVER

At SD Sharp, for each project we launch a dedicated virtual server that replicates in detail the expected Customer Production server in order to minimize differences between Development and Production environments.

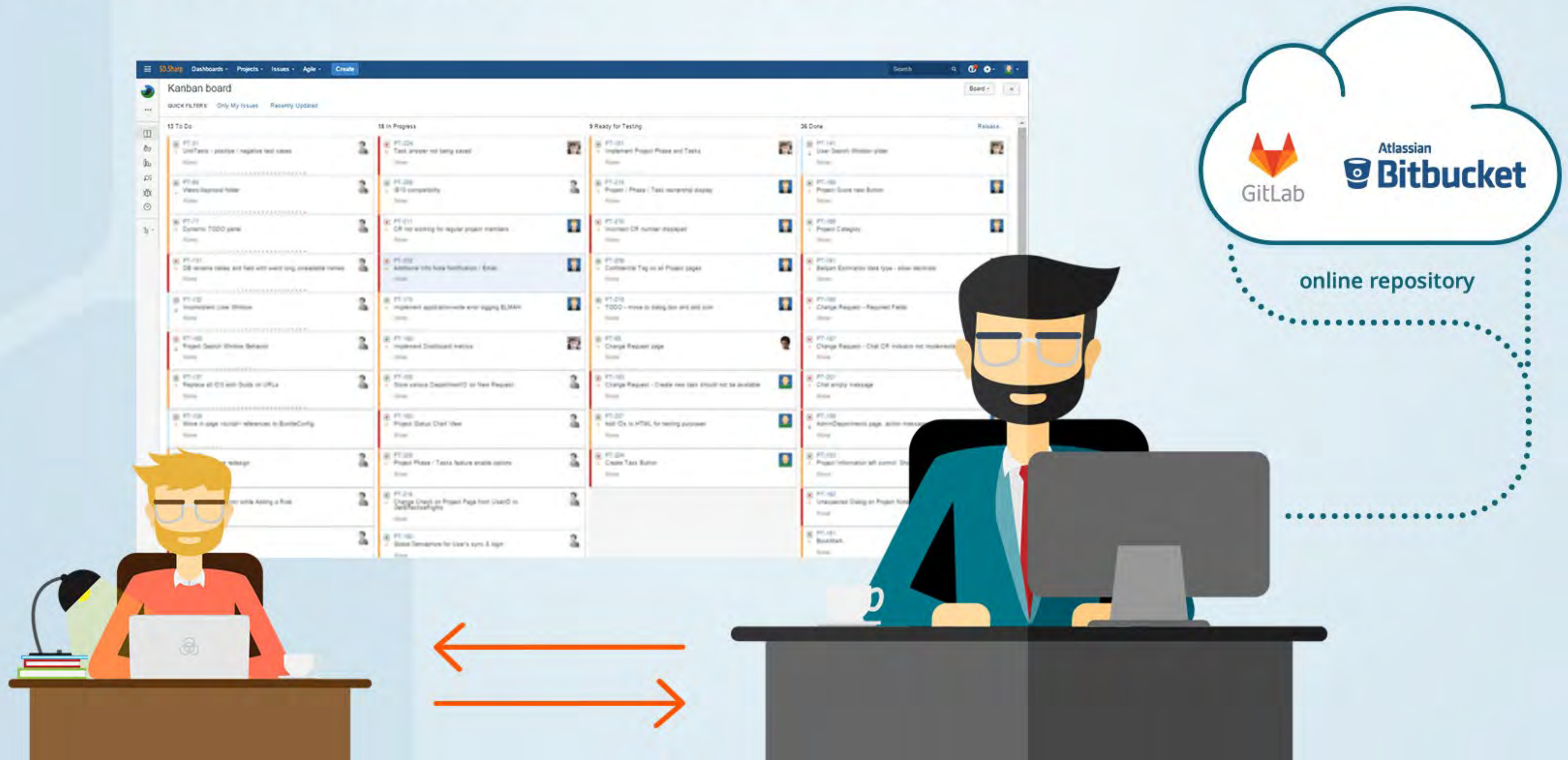
Replica of Customer's Production Server



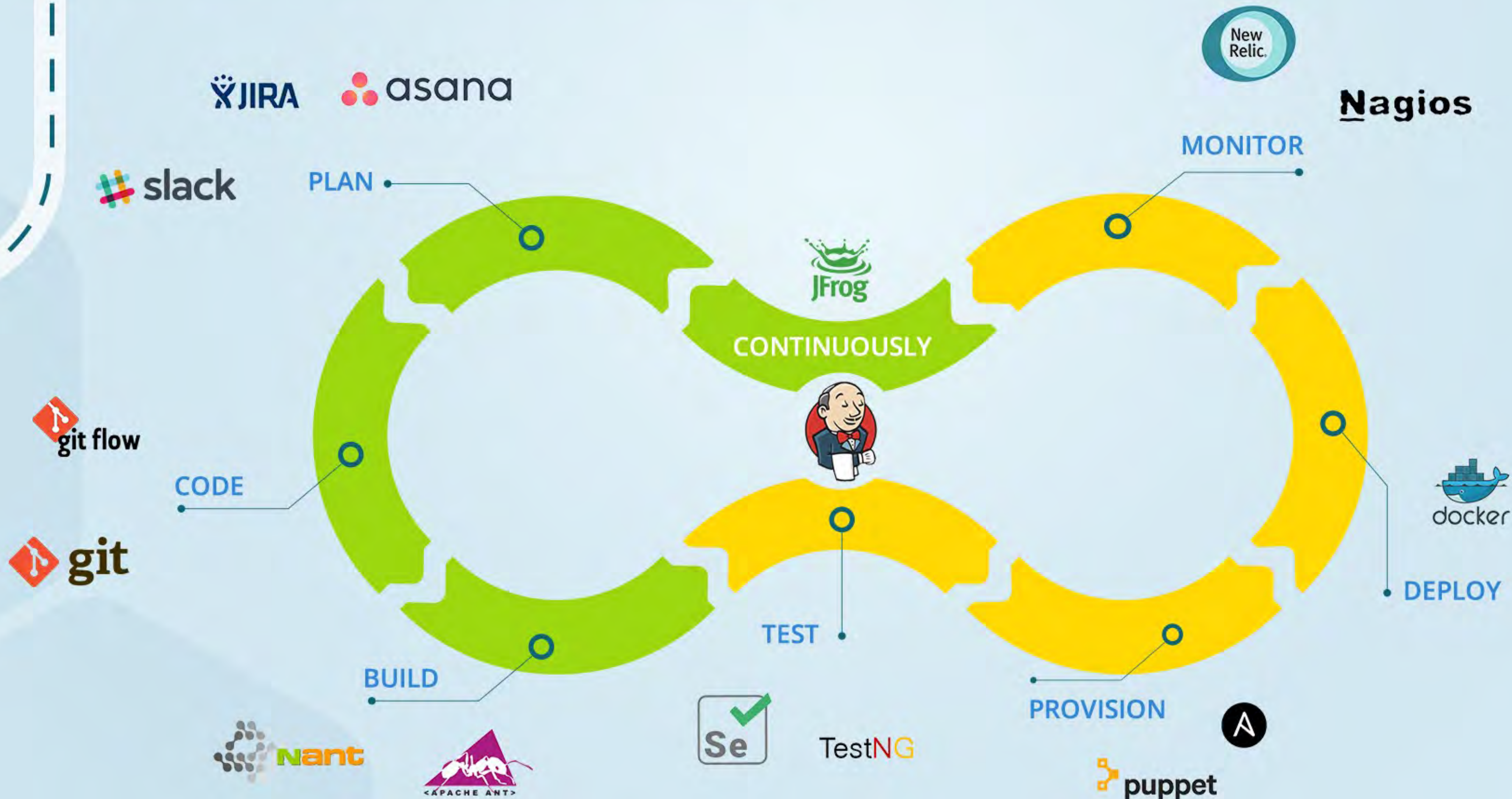
DEVELOPMENT / CROSS TESTING

Cross Testing:

At SD Sharp, we adopt a Cross-Testing scenario where developers check each others code before they make any source control commit. Here is where 80% of the bugs are often eliminated prior to checking in the code on the online repository.



DEVOPS / INTEGRATION - DELIVERY - DEPLOYMENT



DEVOPS / CONTINUOUS AUTOMATION

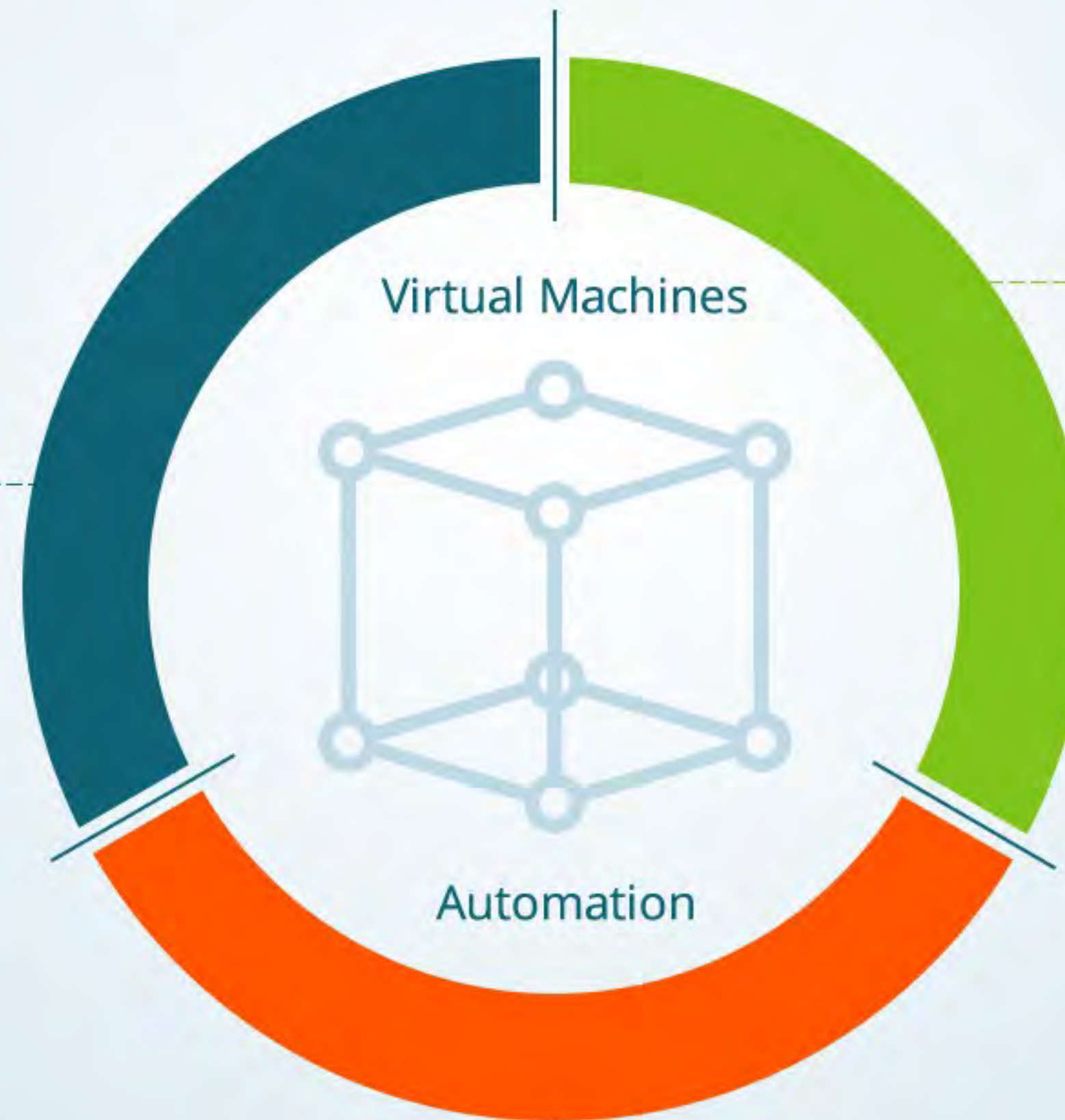
At SD Sharp, our Cube Process dictates that developers **integrate** code into a **shared repository** several times a day. Each check-in is then verified by an **automated build**, allowing teams to detect problems earlier on.

AUTOMATION BUILDING

The primary purpose is to generate build artifacts through activities like compiling and linking source code, in order to identify possible problems earlier on

AUTOMATION DEPLOYING

The ability to automatically and reliably deploy the entire application runtime on the dedicated SD Sharp Virtual Machine (VM) environment which is a replica of the Customer's Live Environment



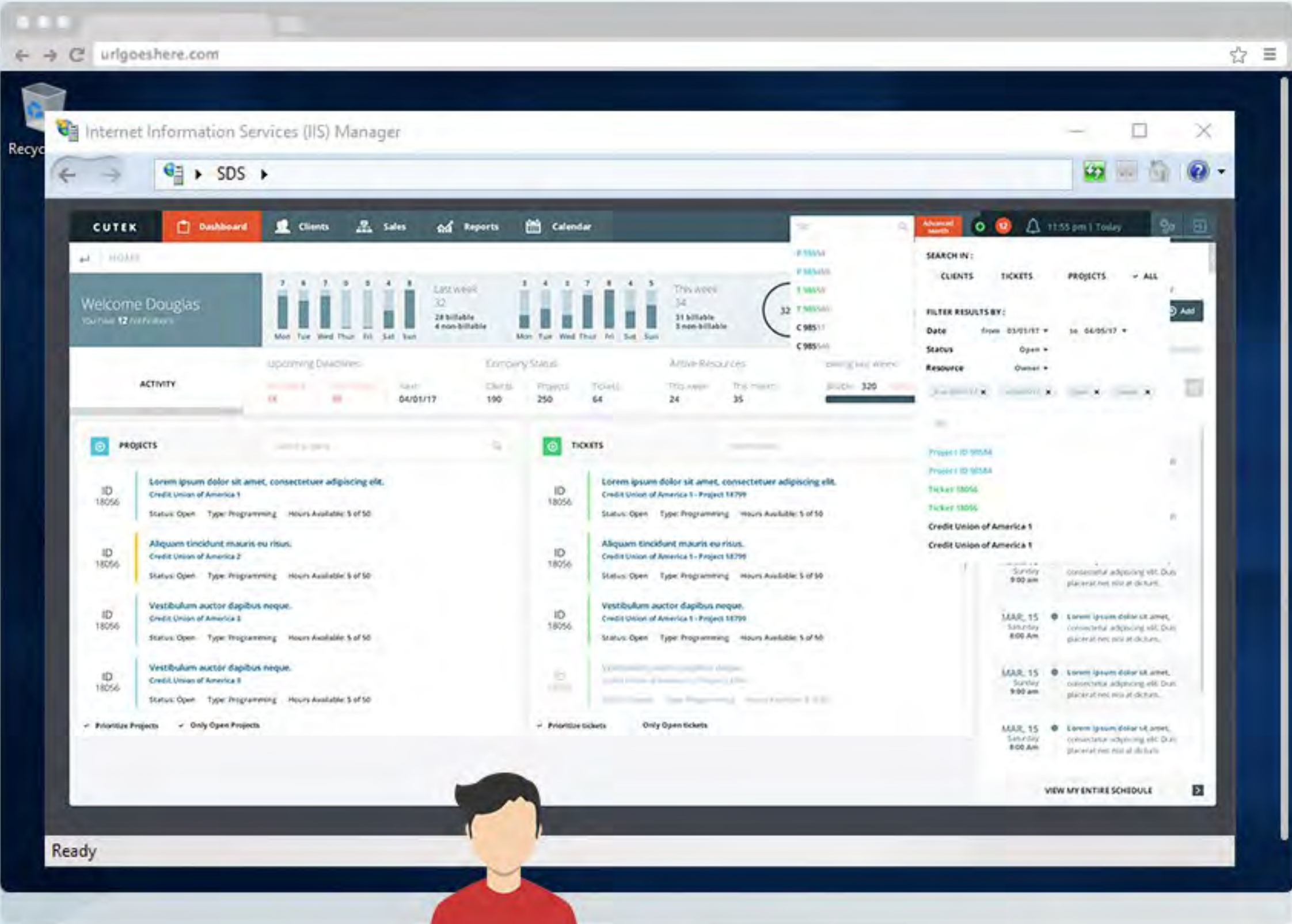
AUTOMATION TESTING

To continuously maintain and improve the quality and efficiency of software systems development

...ensuring that **new code produced** does **not brake** existing functionality.

DEVOPS / CONTINUOUS FEEDBACK

Stakeholder has constant **control, visibility** and **accessibility** of the latest version, while we collect and process **continuously** his **feedback**.



STAKEHOLDER
FEEDBACK

QA TEST ON VM
LATEST VERSION



CHANGES
APPROVED



STAKEHOLDER
ACCESS LATEST
VERSION

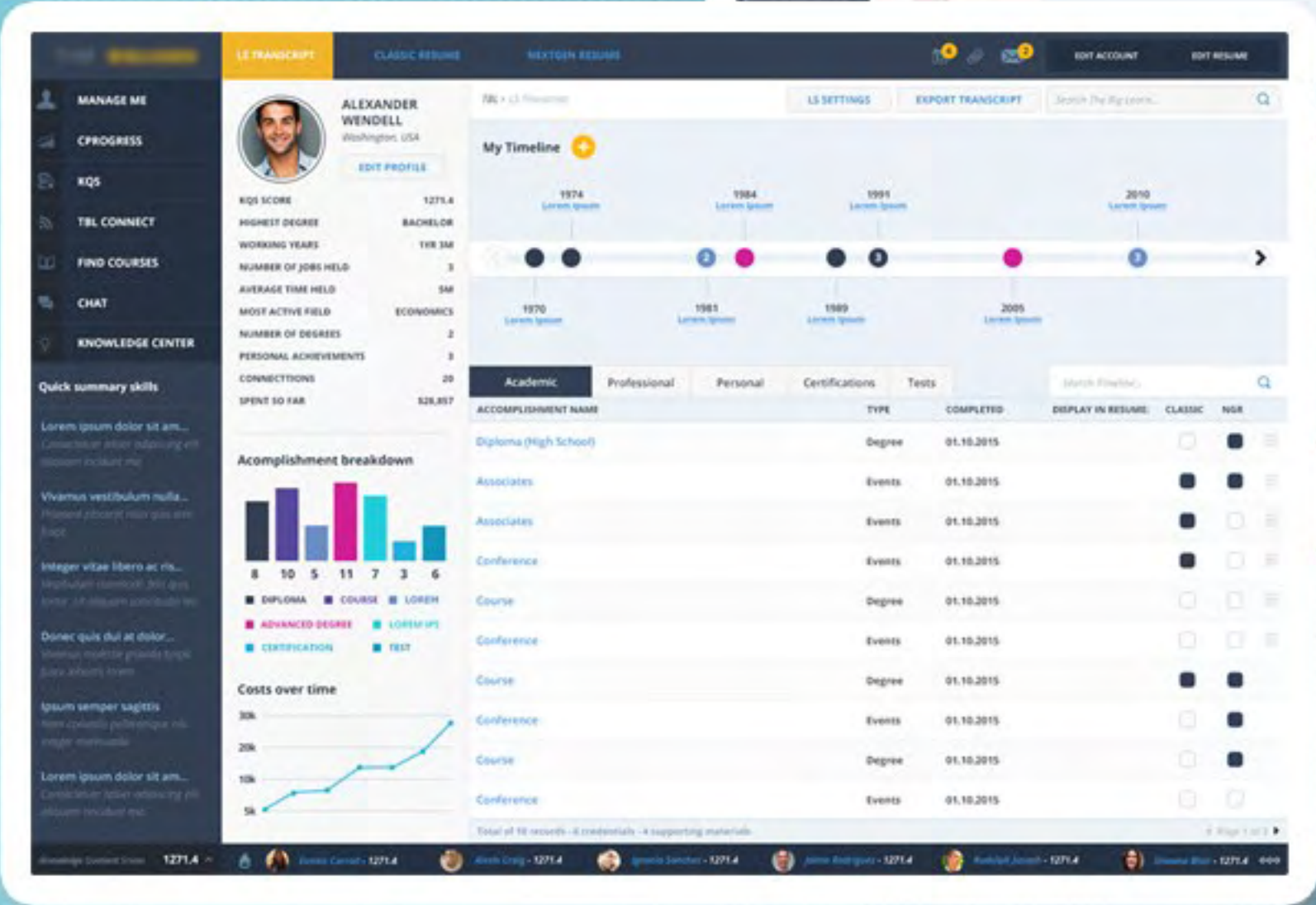
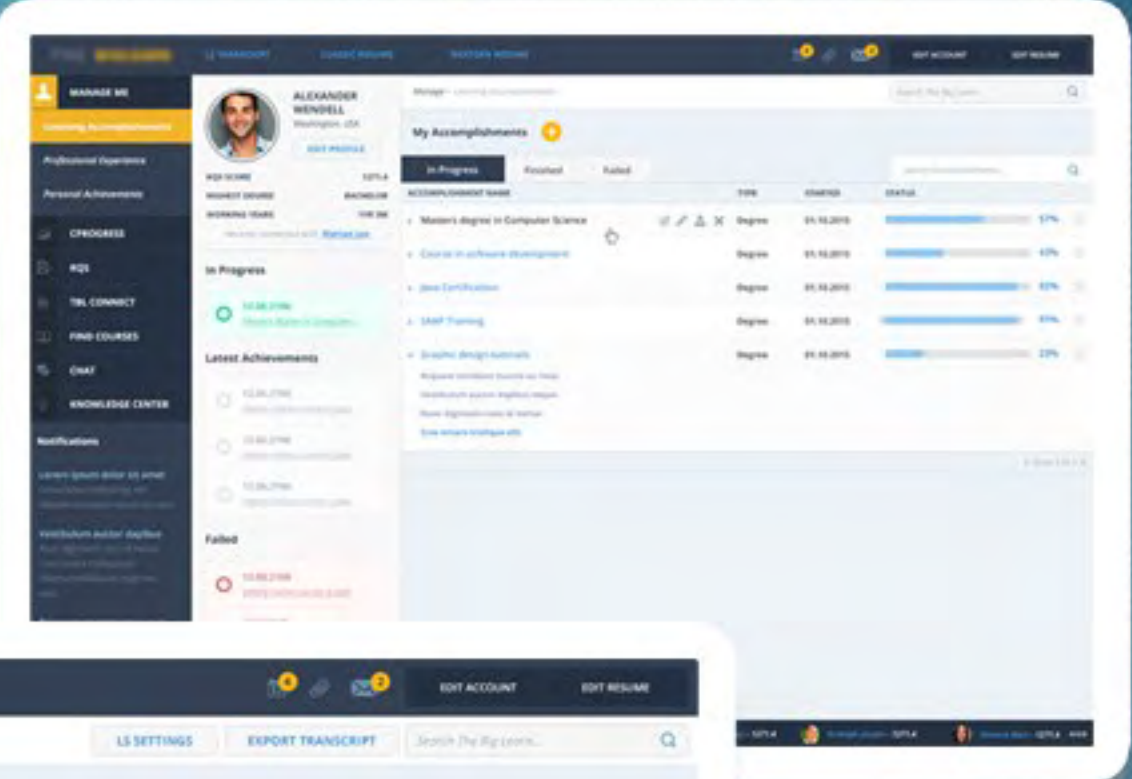
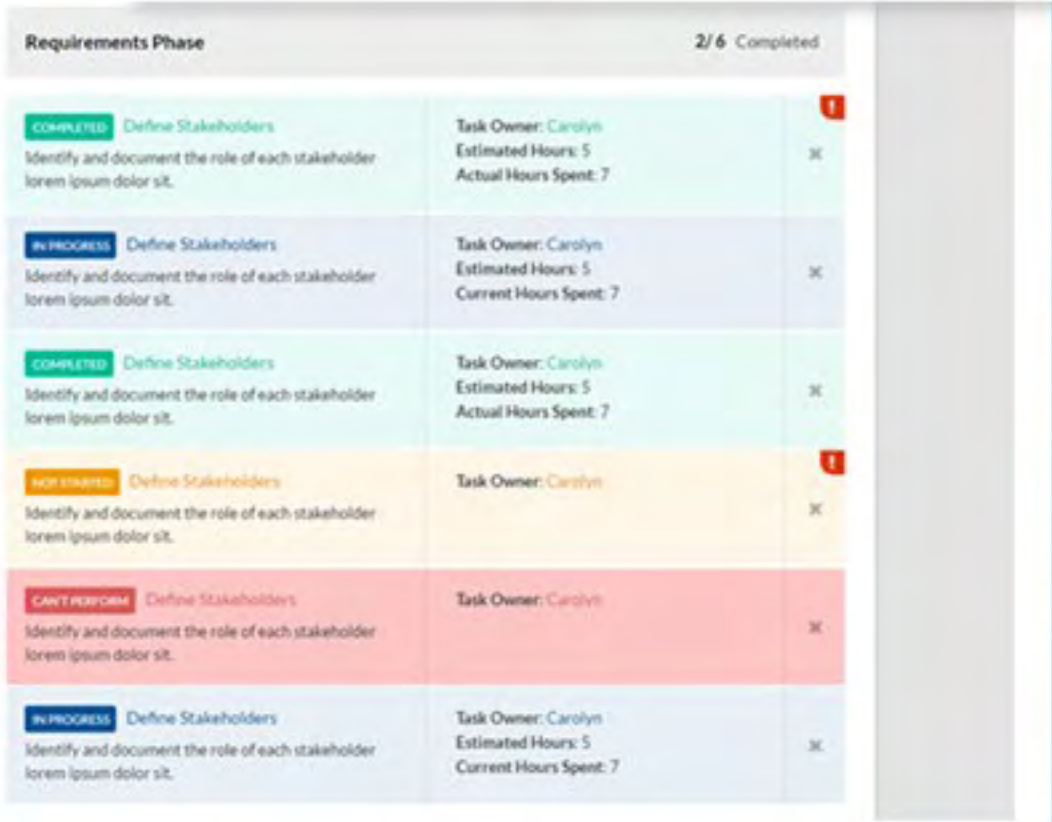
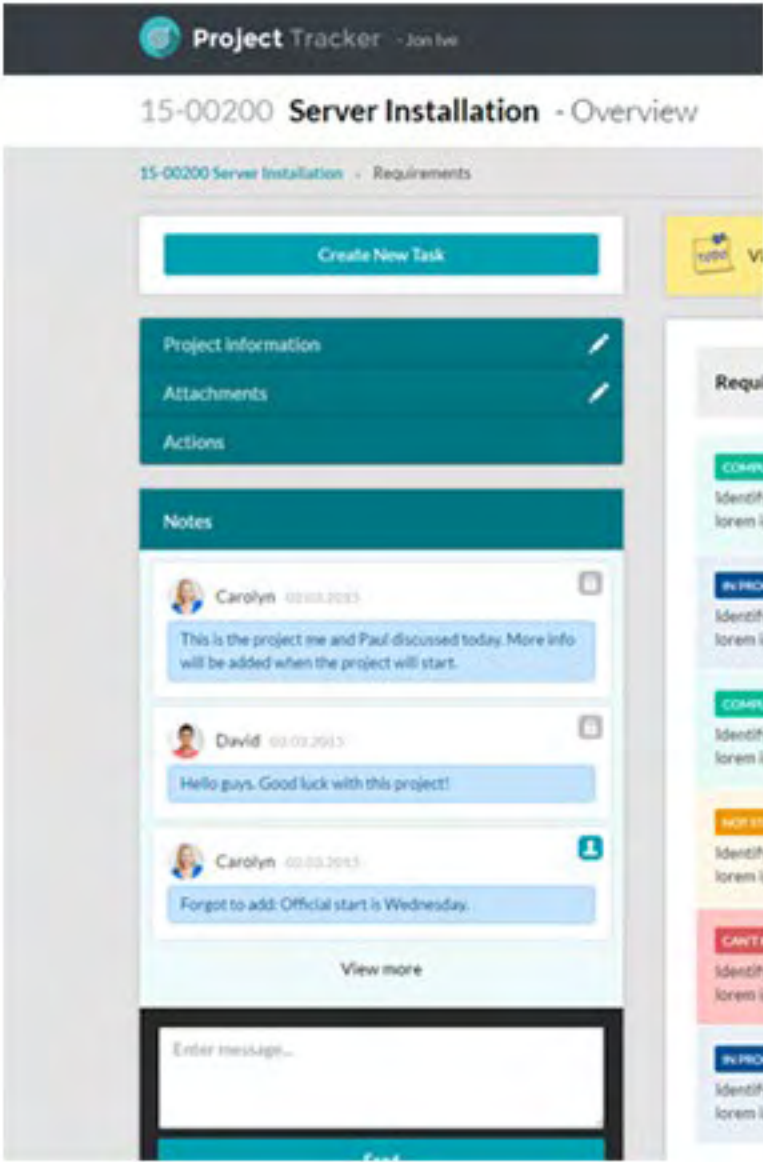
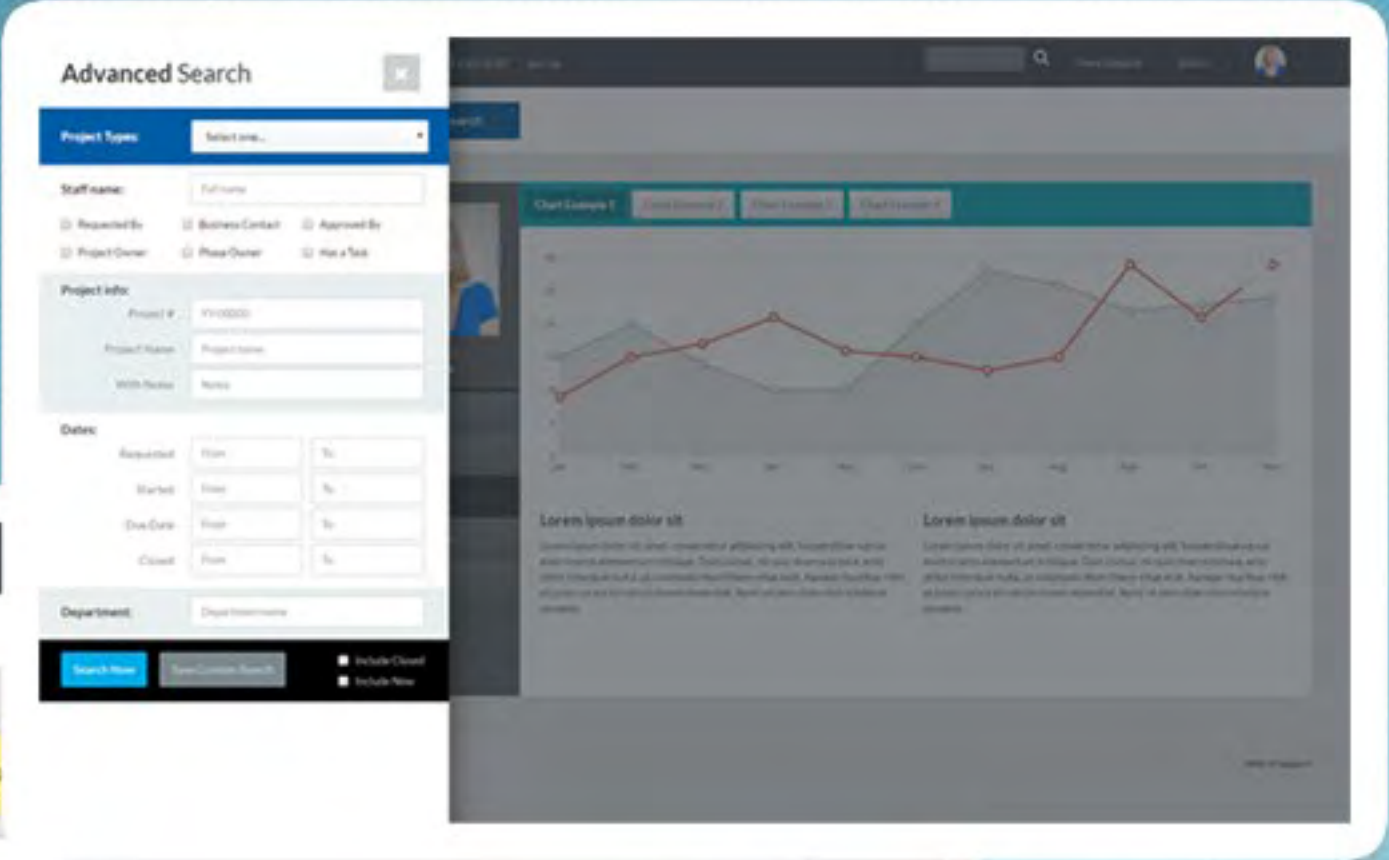
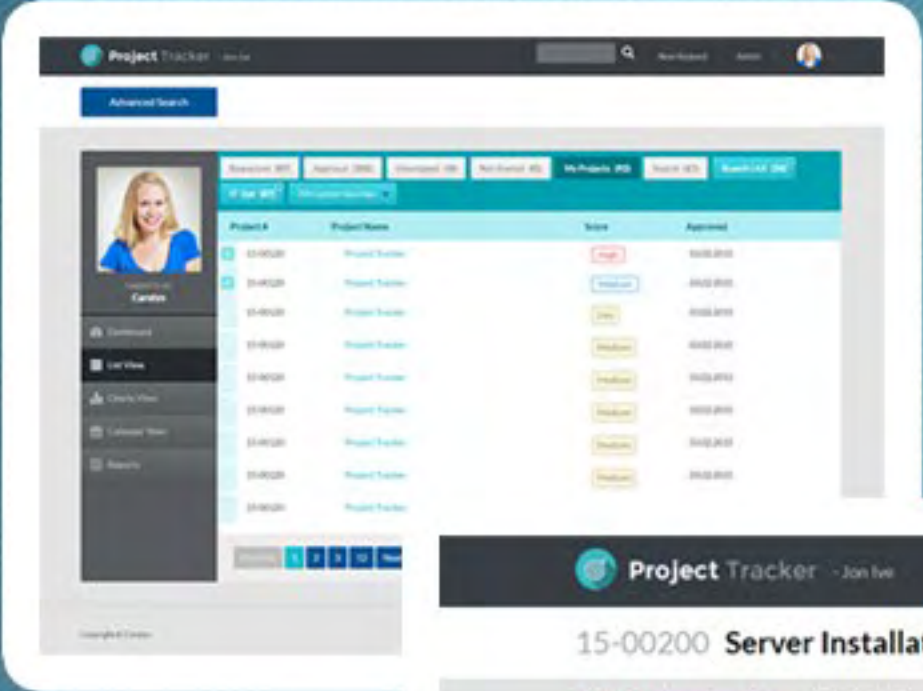


TRAINING / DOCUMENTATION

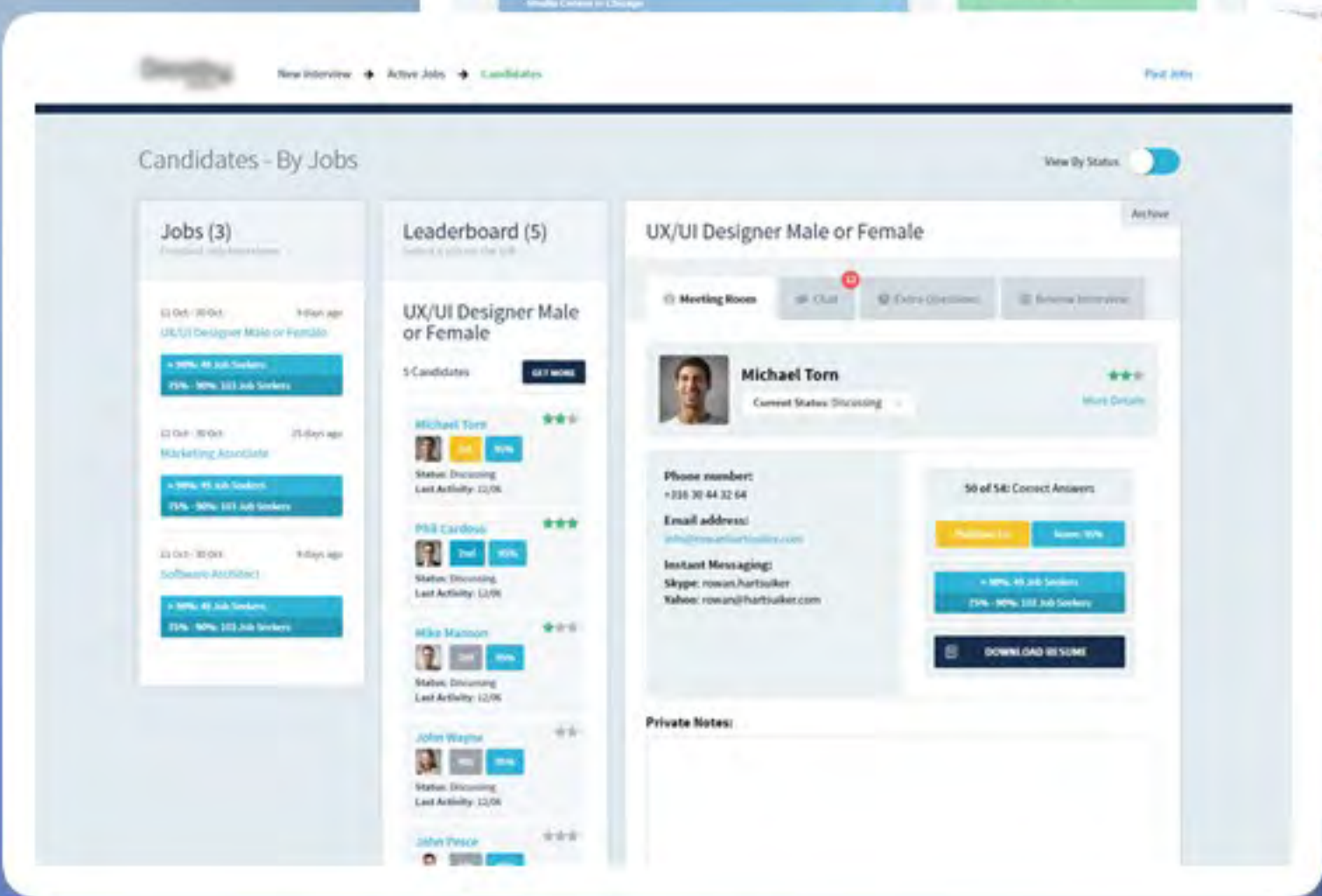
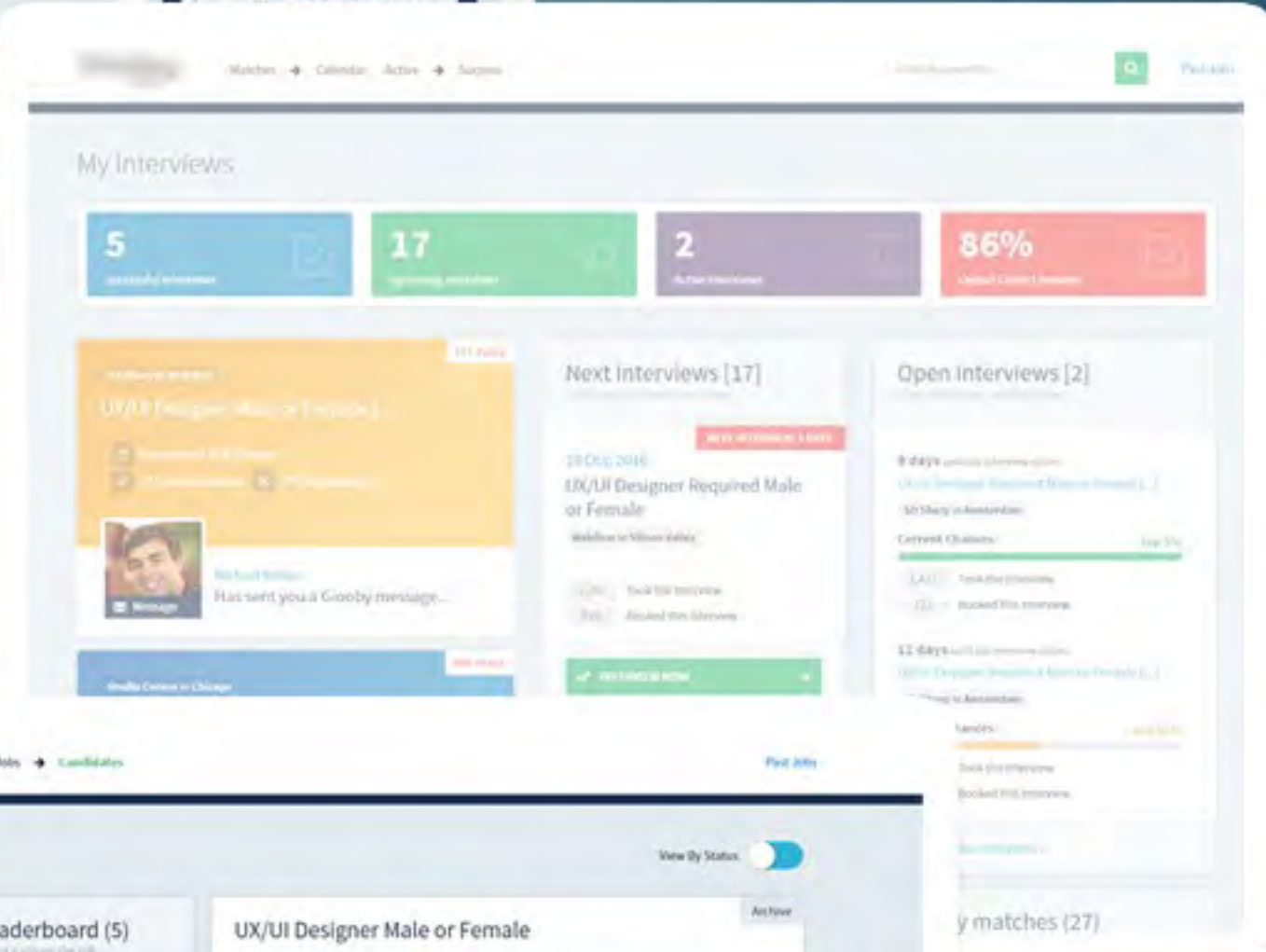
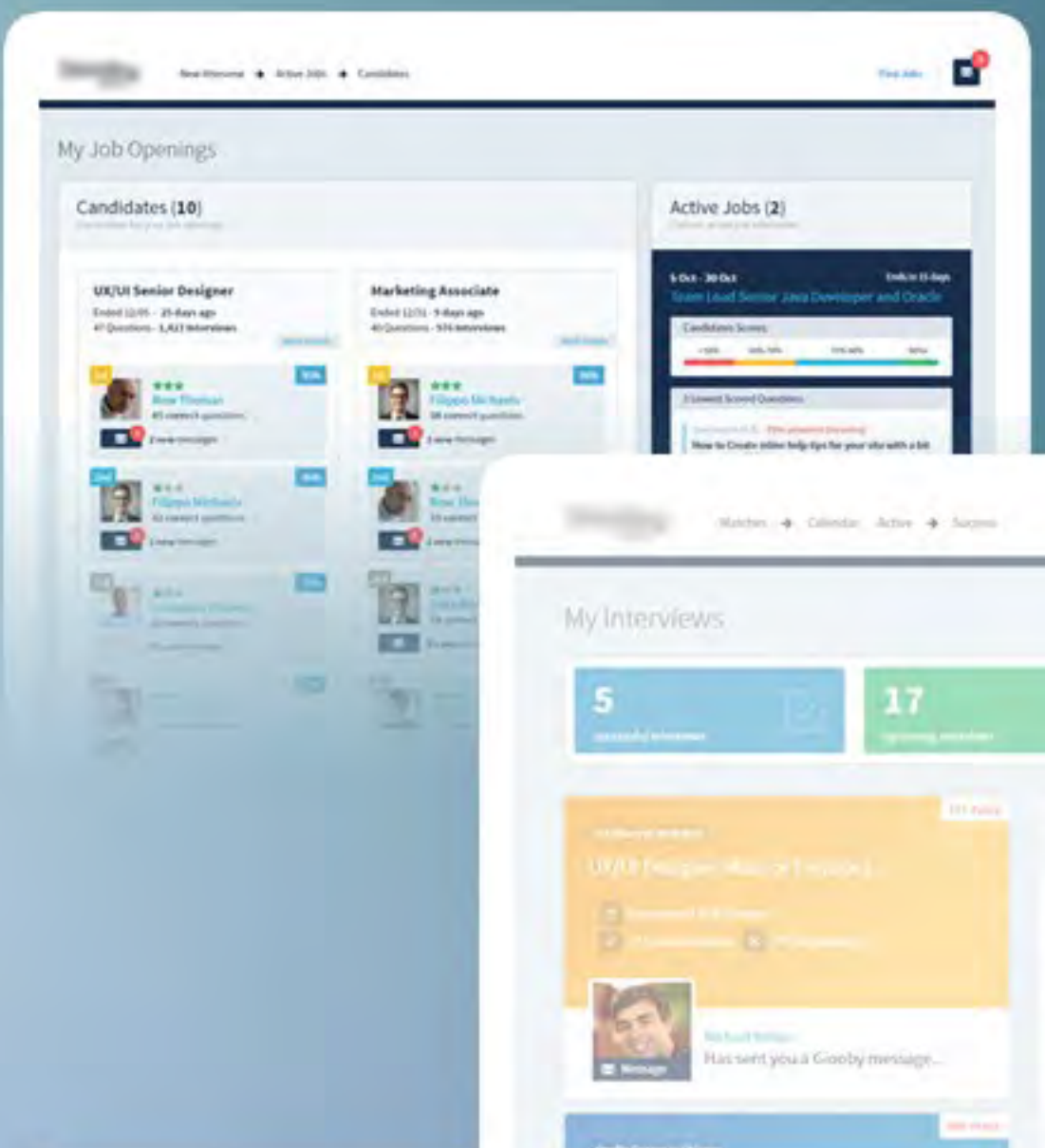
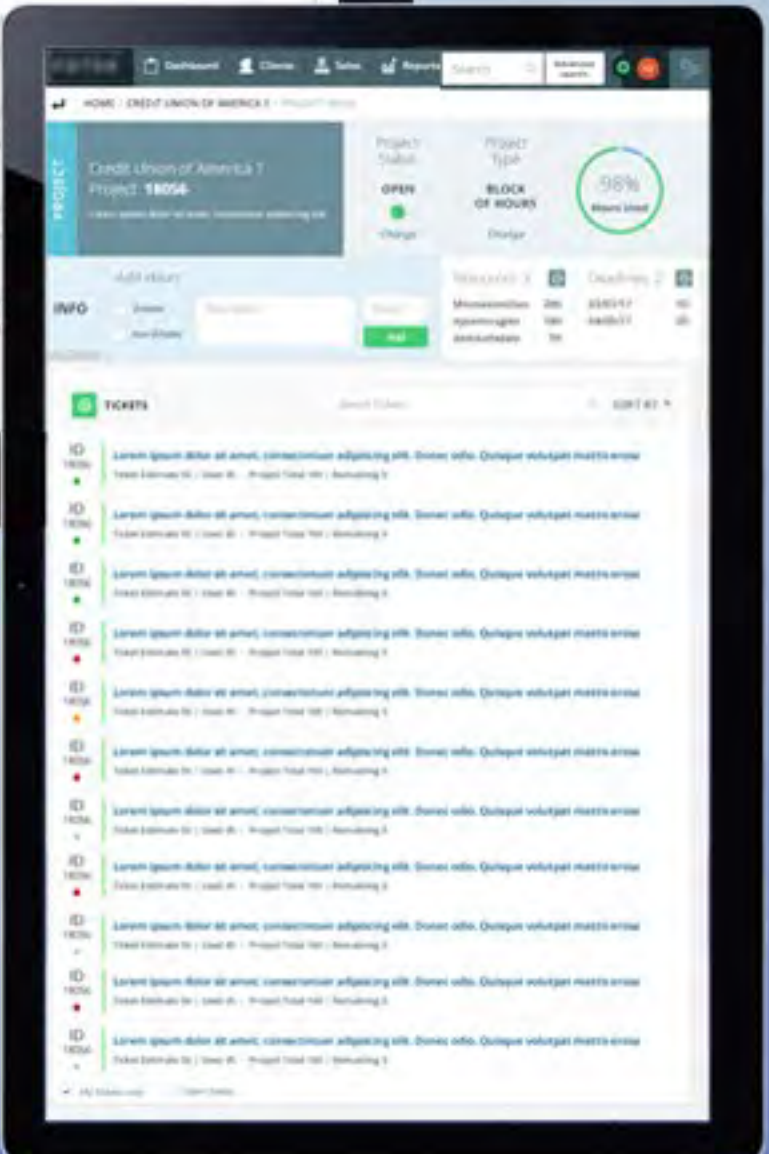
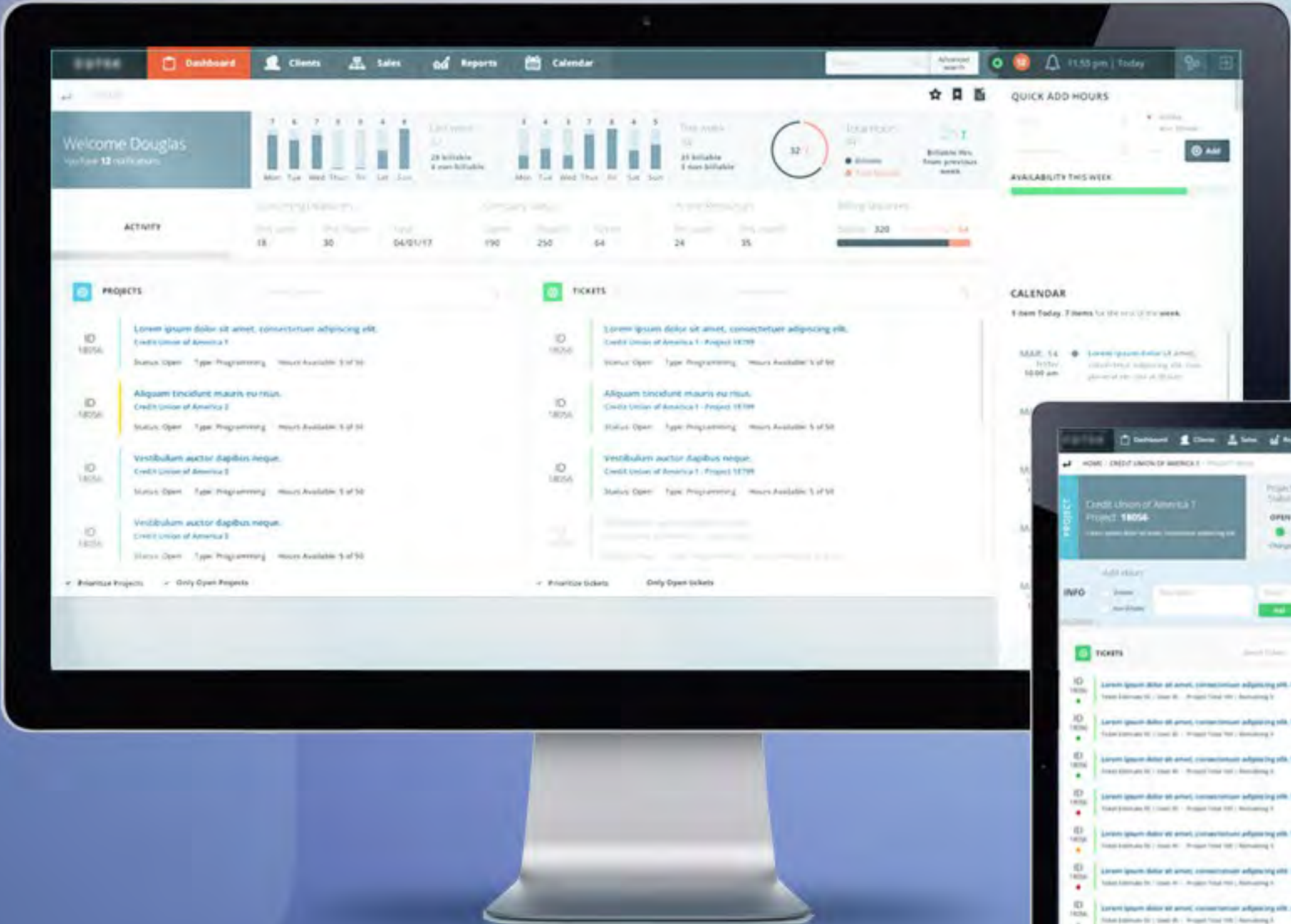
A project is a success when the end users are comfortable using it. We can facilitate this process, upon customer request, providing training material (documentation, videos) and training sessions (both remote or onsite).



CASE STUDIES / RESPONSIVE



CASE STUDIES / RESPONSIVE



CASE STUDIES / MOBILE



OPERATIONAL TOOLS

For a project to be successful, it's critical that communication, collaboration, visibility of the project and feedback is efficient and fluid between our team and the customer. Not too much as to be a distraction or too little as to compromise the clarity of the future steps. For this purpose, we use the following tools:



WEBEX / SKYPE



*Video & Desktop Sharing
Conference calls in order to
keep both sides closer.*

SLACK CHAT



*Improves direct
communication*

KANBAN



*Real-Time project status
update in order to keep the
customer up to date.*

ASANA



*Information sharing in order
to centralized and share
relevant project information.*



KANBAN



CLIENTS

TYPE OF PROJECT

BANKING PLATFORM

MAINFRAME TRANSACTION PROCESSOR

The platform was winning continuous bids which forced a competitor to purchase the company.

CLIENTS

Barclays, Rabo, RBC, RBS, UBS, Santander, Bank of Sweden, Caixa Postal



Rabobank



RBC Royal Bank®



BARCLAYS

TYPE OF PROJECT

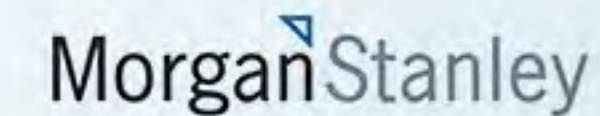
BROKER DEALERS / INVESTMENT ADVISORS

SELF-AUDITING PLATFORMS

Startup was winning every single bid until one of the major competitors acquired us

CLIENTS

Morgan Stanley, LPL, Mass Mutual, Lincoln Financial, First Allied Securities



LPL Financial

firstallied

CLIENTS

TYPE OF PROJECT

U.S. FEDERAL COURTS

**CASE MANAGEMENT, DOCUMENT MANAGEMENT,
VOUCHER ECJA PORTAL**

*Finalist at AO (Admin Office) in Washington
for a National eCJA solution.*

CLIENTS

2 Courts of Appeal, 26 District Courts



TYPE OF PROJECT

CREDIT UNIONS

**PROJECT WORKFLOW
MANAGEMENT PORTAL**

*Solution was so well received that the Credit Union
did file a Patent for it.*

CLIENTS

**SDCCU is the 6th largest Credit Union in
the country with over 7 billion in assets.**



CLIENTS

○ TYPE OF PROJECT

CORPORATE

PORTING 80+ APPS TO AWS

- i* Moved all Qualcomm On Premises Apps to their AWS Cloud, while improving security, increasing availability, and overall control accross the board.

○ CLIENT

QUALCOMM

○ **Qualcomm**

○ TYPE OF PROJECT

ENTERTAINMENT

CLOUD API PLATFORM, GOLF COURSE ECOMMERCE, PRODUCT INVENTORY MANAGEMENT

- i* Provided a comprehensive cloud based platform to manage products, inventory, electronic licenses, payments and golf course management thru the dedicated online portal.

○ CLIENTS

Top leaders in Indoor and Outdoor Golf Simulators

○  **TOPGOLF**

 **FORESIGHT SPORTS**

FULL SWING
SIMULATORS

FLASHGOLF



CONTACT US

Email: sales@SDSharp.com

Phone: (619) 885.8585

Web: www.SDSharp.com