



CSS IMPACT

ai | cx enterprise ecosystems

& omnichannel platform

Platform for Omni-Channel Digital Consumer Engagement

HD 2.0 | AI Voice & Digital Engagement Solutions

Going Digital!

CSS offers a fully integrated omni-channel consumer digital engagement solution for every part of the customer service process. The frictionless consumer engagement system includes Text, Chat & Email message interactions, Automated Dialer, Cloud PBX, as well as interactive AI (Artificial Intelligence) Voice & Chat Agent bots that interact with human-like natural language modalities to answer common questions, respond to requests provide reminders, logistics information plus much more. Now organizations can reach a new generation of consumers quickly, simply and cost effectively with complete confidence of compliance.

impact omni-channel digital engagement system



- PBX & IVR
- Auto Call Dialer
- ACI – Agent Call Initiator
- AI Interactive Chat Agent
- AI Interactive Voice Agent
- AI Driven Payment Portal
- Text & Email Broadcasters

Platform overview for CALL CENTERS

CONTACT MANAGEMENT

HD 2.0 | CONTACTS

IMPACT HD 2.0 | CONTACTS Call Center (PBX, Dialer, IVR)

HD 2.0 | CONTACTS is a comprehensive all-in-one cloud-based telephony contact management system designed to help call centers contact & engage with consumers. The solution includes a virtual PBX system, Integrated Dialer Pure Contacts, Mobile Contacts, IVR, call recordings, dynamic phone scrubbing & more.

Managing calls : handle all aspects of the calling process within one solution. Manage calls simply & increase customer satisfaction.

SOLUTIONS

- Click-to-Dial
- Power Dialing
- Predictive Inbound/Outbound Dialer
- Visual Workflow Campaigns
- ACI (Agent Call Initiator)
- Management Driven Collector Queues
- IVR Scripting & Text-to-speech
- Real-time disposition & recording updates
- Dynamic ANI Display & Routing
- Cell Phone Scrubber
- ACD & Skill Routing
- ACD Last Call

BENEFITS

- Fully compliant with regulation controls
- 100% Cloud-based
- Increases right party contacts
- Increases collections revenue
- Streamlines business processes
- Heightens productivity and efficiency.
- No agent required manual effort
- No file uploads / downloads, recordings management required – all is automated
- Call monitoring real-time dashboards
- Listen-in, barge-in or whisper monitoring
- Automated account screen pop
- Auto-records & appends file to account
- Screen and call throw feature
- Interactive Voice Recognition (IVR) for self-serve phone payments or acct review

CSS IMPACT AI | CX CONSUMER ENGAGEMENT

OMNI-CHANNEL VOICE | TEXT | EMAIL | WEBCHAT | AI

HD AI | CX

IMPACT HD AI | CX

HD AI | CX Consumer Engagement Ecosystem offers next-gen omnichannel communications that combines voice, text, email, AI webchat & voice bots to seamlessly unify the consumer engagement experience by meeting consumers on their preferred channels of communications.



VOICE

HD AI | CX Consumer Engagement Ecosystem delivers voice contact engagement solutions that are cost-effective & compliant with 8 (eight) separate dialing cloud platforms,

- HD | Cloud PBX
- HD | AI AGENT (Outbound Dialer AI Voice Bot)
- Manual Dialing
- HD | ACI (Agent Call Initiator)
- HD AI | IVR
- Preview Dialing
- HD | CONTACTS (Auto-Dialer)
- HD AI | CS (Customer Service)



DIGITAL

HD AI | CX Consumer Engagement Ecosystem delivers omni-channel digital engagement solutions for a frictionless customer experience by using Text, Email, Chat & AI Bots.

- HD | TEXT Broadcaster
- HD | HTMLI (Human Text Message Initiator)
- HD | EMAIL Broadcaster
- HD | TEXT On-Demand (Two Way Texting)
- HD | AI CHAT Bot



HD | AI

HD AI | CX Consumer Engagement Ecosystem delivers AI Voice & Digital engagement solutions for outreach & inbound consumer care. AI Voice & Chat Bots provide automated customer service care for any task that a live agent would normally do.

- HD AI | AGENT (Outbound Dialer AI Voice Bot)
- HD AI | CS (Customer Service)
- HD AI | CHAT (Customer Service AI Chat Bot)
- AI Voice Bot

Contacts overview for PURE CONTACTS (Automated Dialer)

AUTOMATED DIALER & MANUAL CALLING PLATFORM

HD 2.0 | CONTACTS

IMPACT HD 2.0 | CONTACTS – Automated Dialer

HD 2.0 | CONTACTS – Automated Dialer & Manual Calling is a one-of-a-kind leading outbound system custom-built to ensure the highest levels of risk mitigation & compliance, as well as maximize productivity using human agent intervention modalities.

CSS, Inc. is a leading provider of enterprise-level Next-Gen CX, AX, & Fintech end-to-end solutions for best-in-class voice & digital Ai engagement, omni-channel with inbound & outbound routing automation that geometrically increase contacts & provides frictionless customer service engagement while increasing quality of contacts all in a single unified cloud Ecosystem.

BENEFITS

- Parallel multi-call handling
- Workflow Driven Call Routing & Campaigns
- PCI Compliant Call Recording
- 10 Digit Manual with Transfer

SERVICES

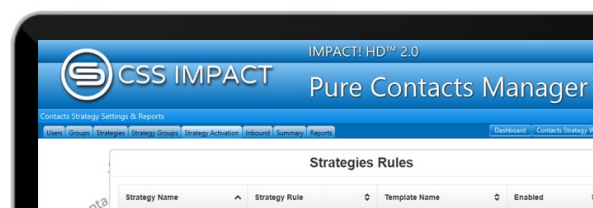
- Call Name Branding ***
- Local Presence DID # Touch Buckets ***
- TTS Text-To-Speech ***
- Toll Free Numbers ***

SOLUTIONS

- AI Driven IVR ***
- Anti-SPAM ANI Stacking ***
- Dynamic Cell Phone Scrubber Sanitizer ***
- Dynamic Cell Re-Assignment Number Scrubber & Sanitizer ***
- Dynamic Cell Disconnected Numbers Scrubber & Sanitizer ***



automated
predictive dialer



*** Service or solution sold separately ***

Contacts overview for ACI (Agent Call Initiator)

MOBILE CALLING COMPLIANCE

HD 2.0 | ACI

IMPACT HD 2.0 | ACI - Agent Call Initiator

HD 2.0 | ACI – Agent Call Initiator is a one-of-a-kind leading outbound system custom-built to ensure the highest levels of risk mitigation & compliance, as well as maximize productivity using human agent intervention modalities.

Limit the risk of non-compliance while maximizing every outbound interaction. Agents can remotely work as efficiently as they would at the office. Built-in Real-time State & Federal Compliance Management module governance.

BENEFITS

- Designed for Real-Time Compliance
- PCI Compliant Call Recording
- Intuitive Agent User Interface
- Highest Security Certifications

Contact Flow Routing

Workflow Rules Analytics
Engine analyzes for next
precise contact & targets.



SOLUTIONS

- Anti-SPAM ANI Stacking ***
- Real-Time Audio Transcriptions ***
- Dynamic Cell Phone Scrubber Sanitizer ***
- Dynamic Cell Re-Assignment Number Scrubber & Sanitizer ***
- Dynamic Cell Disconnected Numbers Scrubber & Sanitizer ***



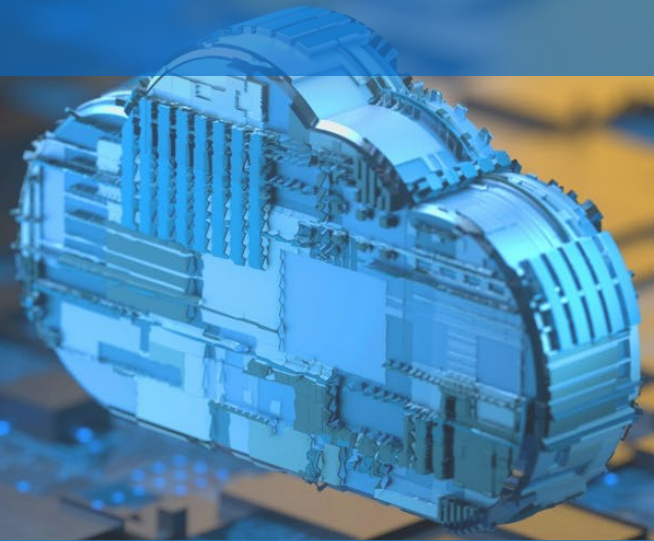
human
agent call initiator



Agent Call Initiator (ACI)				
ACI Cell Phone Contact Manager				
(469) 747-5960	(432) 208-3630	(903) 918-7876	(520) 289-6358	(512)
(832) 348-3782	(334) 313-4662	(281) 900-6374	(516) 945-4889	(512)

*** Service or solution sold separately ***

Digital Engagement overview for AI VOICE BOT AGENT



AUTOMATED AI VOICE BOT AGENT PLATFORM

HD AI | AGENT

IMPACT HD AI | AGENT Voice Bot

HD AI | AGENT is a one-of-a-kind cognitive “AI” Digital Agent Outbound Calling Voice Bot & Inbound Call handling with built-in machine learning technology that engages with consumers in an interactive Natural Language conversational modality to offer any type of service, subscription or simply answer common questions.



Outreach automated phone service

AI Voice Bots can talk to consumers to provide customer care services, sale offers, product delivery status or any other imaginable task that a live agent would do. All conversations are recorded and transcribed as well as attached to the record file.



Inbound customer service care

HD AI | CS (Customer Service AI Voice Bot)
Inbound Voice Bot Attendant performs sentiment Analysis, scores them & hands off unsatisfied customers to live agents.



Improve customer experience

AI Voice Bots offer a frictionless self-service experience with personalized natural conversations & rich-responses.



Designed for a voice-first world

All customer voice interactions are streamed in real-time & transcribed onto customer's account.

SOLUTIONS & BENEFITS

- Designed for a voice-first world
- Understands user sentiments
- Natural conversational experience
- Machine learning customer service
- Zero gravity marketing growth
- Opportunities acceleration
- Fraud detection & risk management
- Finance & underwriting automation
- Payment reminders & processing

Messaging overview for TEXT MESSAGE BROADCASTER

AUTOMATED TEXT MESSAGING PLATFORM

HD 2.0 | TEXT

IMPACT HD 2.0 | TEXT Message Broadcaster

HD 2.0 | TEXT Message Broadcaster is a leading mass outbound digital SMS & MMS messaging platform custom-built to ensure fast and scalable instant outreach while adhering to the highest levels of digital engagement risk mitigation & compliance.

BENEFITS

- Uniquely crafted messages
- Campaigns scheduler
- Workflow driven campaigns
- Preview & deploy campaigns
- Carrier detection controls
- Short codes

SERVICES

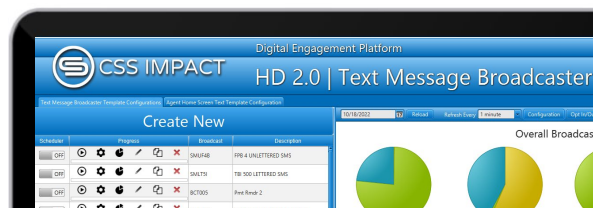
- Anti-SPAM ANI Stacking ***
- Real-Time Audio Transcriptions ***
- Dynamic Cell Phone Scrubber Sanitizer ***
- Dynamic Cell Re-Assignment Number Scrubber & Sanitizer ***
- Dynamic Cell Disconnected Numbers Scrubber & Sanitizer ***

FEATURES

- Message compliance validators
- Risk levels governance
- Reputation compliance
- Granular dashboards stats
- MMS media stats
- Stop compliance controls
- Blocked messages identification
- Error rate controls



automated
text broadcaster



*** Service or solution sold separately ***

*** Service or solution sold separately ***

Messaging overview for TEXT MESSAGE BROADCASTER



CSS IMPACT

Digital Engagement Platform

HD 2.0 | Text Message Broadcaster

Text Message Broadcaster Template Configurations Agent Home Screen Text Template Configuration

Back Edit Workflow Show Logs

Broadcast: FPB 4 UNLETTERED SMS - Workflow: SMUF4B

Only send one text broadcast per day

Progress	Date	Start Time	Sent Time	Status	Texts	Lining Up	Sent	Stopped	ID
	10/17/2022	11:29:34	11:30:48	COMPLETED	704	0	82	622	41
	10/17/2022	11:18:59	11:21:17	COMPLETED	699	0	62	637	41
	10/17/2022	09:39:24	09:43:06	COMPLETED	897	0	220	677	41
	10/17/2022	08:55:34	09:28:27	COMPLETED	5,000	0	3,599	1,401	41
	10/17/2022	08:16:14	08:52:34	COMPLETED	5,000	0	3,874	1,126	41
	10/14/2022	13:18:15	13:18:56	COMPLETED	57	0	57	0	41
	10/12/2022	11:27:41	11:29:20	COMPLETED	85	0	85	0	41
	10/07/2022	10:30:50	-	ABORTED	0	0	0	0	41
	10/06/2022	14:55:48	-	ABORTED	0	0	0	0	41
	10/06/2022	13:41:45	13:42:56	COMPLETED	3	0	0	3	41
	10/06/2022	12:45:32	12:46:45	COMPLETED	3	0	0	3	41
	10/06/2022	12:20:43	12:22:09	COMPLETED	3	0	0	3	41

Dictionary

Compose Your Message

FROM: First National Collection Bureau, Inc.
TO: \$(NAME)
We are contacting you regarding an important personal business matter.
This is an attempt to collect a debt. Any information obtained will be used for that purpose. This is a text from a debt collector.

Message Preview

FROM: First National Collection Bureau, Inc.
TO: Miriam
We are contacting you regarding an important personal business matter.
This is an attempt to collect a debt. Any information obtained will be used for that purpose. This is a text from a debt collector.

Test Message

Enter Cell # Here Send

Broadcast Now

Preview Preview 20 Preview Automatically Data Preview: 2 / 2

DEM_IDTY_NO	DEM_ID	DEM_GROUP_ID	DBT_NO	DEM_NAME	ID	DEM_STATE	DBT_LAST_CHG_DATE	DBT_CLIENT	DBT_REFERRAL
304471983	RO	304471983	215546166	ROSARIO, LIGIA E	RO	PR	1.5591996E12	FPB401	1.647414E12
304894293	RO	304894293	215683715	SEGARRA, MIRIAM	RO	PR	1.5616188E12	FPB401	1.6499196E12

AUTOMATED TEXT MESSAGING PLATFORM

HD 2.0 | TEXT

IMPACT HD 2.0 | TEXT Message Broadcaster

HD 2.0 | TEXT Message Broadcaster is simple to use Compose & preview messages with custom data fields. Broadcast Campaigns manually or by schedule. Send SMS or MMS messages with our Contact flow Workflow Rules Analytics Engine for precise engagement targeting.

Compose

And Preview Messages
with your own
content & dataset

Compose Your Message

FROM: First National Collection Bureau, Inc.
TO: \$(NAME)
We are contacting you regarding an

Message Preview

FROM: First National Collection Bureau, Inc.
TO: Miriam
We are contacting you regarding an

Contact Flow Routing

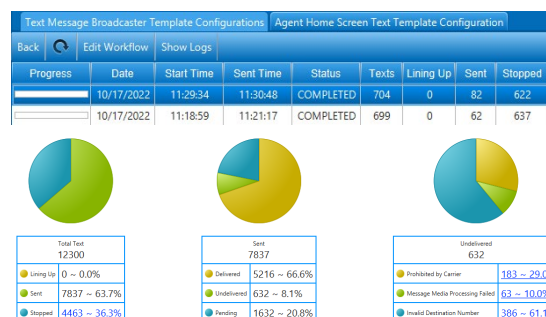
Workflow Rules Analytics
Engine analyzes for next
precise contact & targets.



Real-time Statistics

Message Delivery Granular Dashboards

- Start & Sent Times
- Texts Sent
- Lined up to Send
- Texts Stopped
- Texts Delivered
- Undelivered Texts
- Texts Pending
- Prohibited Texts
- Media Failures
- Invalid Numbers



Compliance (Excluded Texts)

Compliance Auto-Cell

Scrubber Sanitizer:

- LAN Phones
- VoIP Phones
- Unknown Type

Excluded by CSS Safeguards 36212 ~ 86.8%	
Phone type is fixed	4283 ~ 10.3%
Phone type is unknown	5 ~ 0.0%
Phone type is voip	1195 ~ 2.9%

Broadcast Texts

Message Campaigns

Manually on-demand or
via the IMPACT Scheduler



*** Service or solution sold separately ***

Messaging overview for HUMAN TEXT MESSAGING INITIATOR

AUTOMATED MANUAL TEXT MESSAGING PLATFORM

HD 2.0 | HTMI

IMPACT HD 2.0 | HTMI - Human Text Messaging Initiator

HD 2.0 | HTMI (Human Text Messaging Initiator) is the industry's answer to the FCC & TCPA complex consumer contacts and engagement compliance, delivering impactful manual SMS & MMS digital communications while adhering to the highest levels of risk mitigation & compliance.

BENEFITS

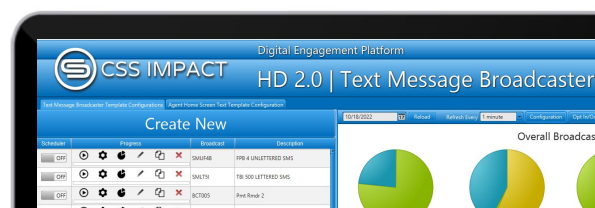
- Custom crafted messages
- Workflow driven campaigns
- Preview & deploy campaigns
- Carrier detection controls
- Short codes

SOLUTIONS

- Anti-SPAM ANI Stacking ***
- Real-Time Audio Transcriptions ***
- Dynamic Cell Phone Scrubber Sanitizer ***
- Dynamic Cell Re-Assignment Number Scrubber & Sanitizer ***
- Dynamic Cell Disconnected Numbers Scrubber & Sanitizer ***

FEATURES

- Message compliance validators
- Risk levels governance
- Reputation compliance
- Granular dashboards stats
- MMS media stats
- Stop compliance controls
- Blocked messages identification
- Error rate controls



*** Service or solution sold separately ***

Messaging overview for EMAIL MESSAGE BROADCASTER

AUTOMATED EMAIL MESSAGING PLATFORM

HD 2.0 | EMAIL

IMPACT HD 2.0 | EMAIL Messaging Broadcaster

HD 2.0 | EMAIL (Email Messaging Broadcaster) is the industry's answer today's complex consumer contacts & outreach targeting engagement. Delivering impactful consumer digital communications cost effectively while adhering to the highest levels of risk mitigation & compliance.

BENEFITS

- Custom crafted messages
- Workflow driven campaigns
- Preview & deploy campaigns
- Carrier detection controls
- Historical transcripts
- Response data capture

FEATURES

- Message compliance validators
- Risk levels governance
- Reputation compliance
- Granular dashboards stats
- MMS media stats
- Stop compliance controls
- Blocked messages identification
- Error rate controls

Contact Flow Routing

Workflow Rules Analytics
Engine analyzes for next
precise contact & targets.



Broadcast Texts

Message Campaigns
Manually on-demand or
via the IMPACT Scheduler



automated
email broadcaster

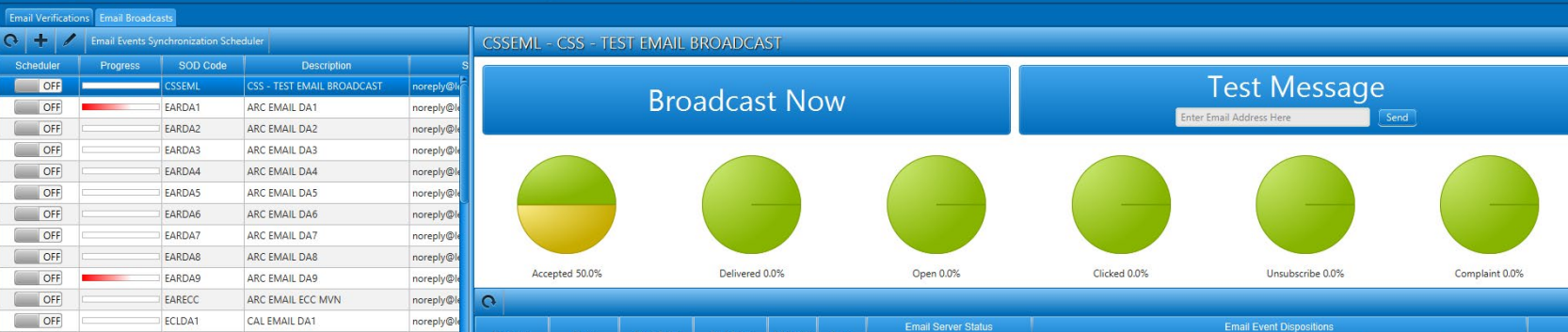


Messaging overview for EMAIL MESSAGE BROADCASTER



Digital Engagement Platform

HD 2.0 | Email Message Manager



AUTOMATED EMAIL MESSAGING PLATFORM

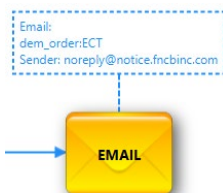
HD 2.0 | EMAIL

IMPACT HD 2.0 | EMAIL Messaging Broadcaster

HD 2.0 | EMAIL Message Broadcaster is simple to use Compose & preview messages with custom data fields. Broadcast Campaigns manually or by schedule. Send email messages with our Contact flow Workflow Rules Analytics Engine for precise engagement targeting.

Compose

Email Templated
Messages with content
& dictionary datasets



Contact Flow Routing

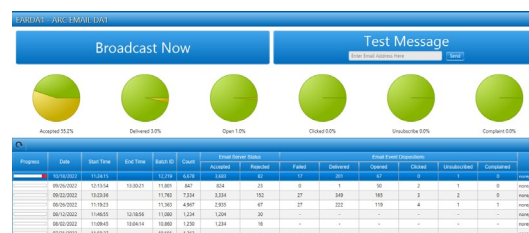
Workflow Rules Analytics
Engine analyzes for next
precise contact & targets.



Real-time Statistics

Message Delivery Granular Dashboards

- Progress Bars
- Start & Sent times
- Emails Sent
- Accepted / Rejected
- Failed
- Delivered
- Opened
- Clicked
- Unsubscribed
- Complained



Email Compliance

Auto-Email Verification & Sanitizer:

- | | |
|--|---|
| Results | Risks |
| <ul style="list-style-type: none">DeliverableUndeliverableRejected | <ul style="list-style-type: none">HighMediumLow |

Broadcast Emails

Message Campaigns
Manually on-demand or
via the IMPACT Scheduler



Parallel handling overview for CALLS & TWO-WAY TEXTING

MULTI VOICE CALL & TWO-WAY-TEXT HANDLING

HD | OMNI-CHANNEL

IMPACT HD | OMNI-CHANNEL (PARALLEL CALL & TEXT HANDLING)

HD 2.0 | OMNI-CHANNEL engagement offers parallel Voice Call, Two-way Text & Chat handling with an intuitive simple to use user interface. The interface enables the handling of multiple inbound or outbound voice calls simultaneously as well as multiple two-way text & chat conversation queues at the same time within a single agent screen. Each call or text conversation displays their respective data information view as well as agent guided scripts.

You can also define the HD | OMNI-CHANNEL platform to route all HD | CONTACTS Dialer campaign calls to dedicated agent voice groups & all HD | TEXT Broadcast campaigns to dedicated agent groups that handle only two-way text & chat communications.

BENEFITS

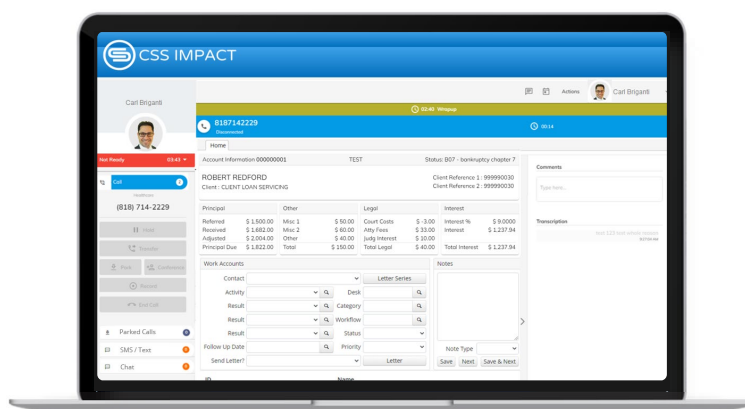
Parallel handling for:

- Multiple Voice Calls
- Multiple Two-way Texts
- Multiple Two-way Chats

SOLUTIONS

Each conversation displays respective:

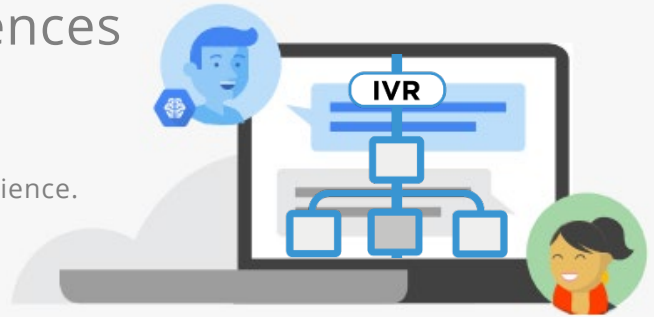
- Account data information
- Guided talk-off scripts
- AI Agent Coaching
- Real-time conversation transcripts
- Dual-Band High Fidelity Recordings



Solution overview for IVR DIGITAL CUSTOMER SERVICE

Better customer service experiences

HD 2.0 | IVR is an end-to-end digital customer service engagement system that allows your business to service customers with real-time information with a self-serve experience. Incorporating the HD 2.0 | IVR as a part of your self-service strategy can have a big impact on customer satisfaction and improve business processes.

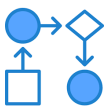


HD 2.0 | IVR DIGITAL ENGAGEMENT PLATFORM

HD 2.0 | IVR

IMPACT HD 2.0 | IVR – Automated Drag & Drop IVR Builder

The HD 2.0 | IVR provides you the keys to create multi-channel self-service journeys that are custom fit for your customers. The HD 2.0 | IVR is more than a digital voice solution, it is a powerful omnichannel automation tool that is fully customizable so you can configure what works for your business.



Digital Contact Workflow Editor

The HD 2.0 | IVR makes creating IVRs easy with Contact Flow Editor, a powerful IVR builder with an intuitive, drag and drop interface. Use your customer data, make intelligent routing decisions, & customize agent workflows with virtually zero development involved, or use our advanced modules to write code and configure third party integrations.

SOLUTIONS & BENEFITS

The HD 2.0 Enterprise Ecosystem offers the HD 2.0 | IVR integrated platform as a Unified Data Model by which all information is consolidated within in one place, so customers do not repeat themselves, and agents have the information they need to deliver exemplary service.



Dynamic message Editor

The Dynamic Message Editor lets you change your IVR message in minutes, so you can inform customers about new or revised changes digitally.



Customer Data lookups

The HD 2.0 | IVR is an integrated platform that match callers with the Ecosystem's customer records using a phone number, account information, or other data on file.



Designed for a voice-first world

Use of the customer's record profile & the platform's Smart Routing determines which self-service options are available.

Platform overview for PAYMENT PORTAL

PAYMENTS & ACCOUNT INFORMATION

HD 2.0 | PAYMENT PORTAL

IMPACT HD 2.0 | PAYMENT PORTAL Consumer Payments

HD 2.0 | Payment Portal is a one-of-a-kind online consumer offering that allows all your consumers to make payments and access their information on a self-serving basis.

Each module and application within the portal is fully secured with extensive security and encryption measures to ensure all data is protected no matter where it is being accessed from. Consumers can perform numerous tasks within the portal's user-friendly interface to make business smoother for everyone involved.

SOLUTIONS

- Branded payment portal
- Real-time account information
- Mobile and desktop footprint
- Customize payment arrangements

BENEFITS

- Available 24 hours a day
- Simple to use
- Supports all merchant gateways
- Secure and compliant



Portal overview for CLIENT DATA ANNEX

BUSINESS CLIENT PORTAL

HD 2.0 | DATA ANNEX CLIENT PORTAL

IMPACT HD 2.0 | DATA ANNEX CLIENT PORTAL

HD 2.0 | Data Annex Client Portal is a one-of-a-kind tool that allows all your clients & business users to access their information on a self-serving basis.

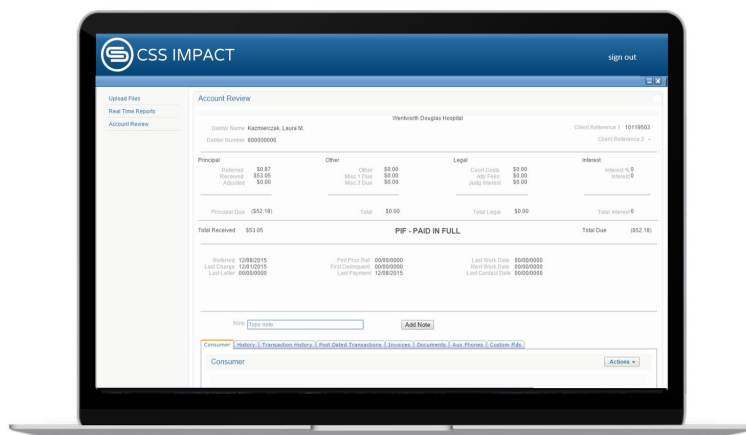
Each module and application within the portal is fully secured with extensive security and encryption measures to ensure all data is protected no matter where it is being accessed from. Clients & business users can perform numerous tasks within the portal's user-friendly interface, such as run reports, update information, upload & download documents and much more to make business smoother for everyone involved.

SOLUTIONS

- Branded payment portal
- Real-time account information
- Mobile and desktop footprint
- Customizable reports

BENEFITS

- Available 24 hours a day
- Simple to use
- Supports all browsers
- Secure and compliant



Platform overview for COMPLIANCE

COMPLIANCE MANAGEMENT SYSTEM

HD 2.0 | CMS

IMPACT HD 2.0 | CMS Compliance Management System

HD 2.0 | CMS Compliance Management System is designed for all call centers and financial institutions compliance needs. The solution ensures that policies and procedures set out by the regulators such as the CFPB, FDCPA, TCPA & FCC & other regulations are employed by your legal advisor & followed by your organization with minimal efforts.

Compliance Policies: quickly implement new compliance policies throughout your enterprise.

SOLUTIONS

- Policy creation module
- Disaster Recovery
- Dual Phone Call Auditing
- Compliment Tracker
- Corrective Action Report Tracker
- Training logs tracker
- CFPB Examination Guideline Modules
- Nature of Operation Compliance
- FDCPA I, II, & III Compliance
- GLBA & ECOA Compliance
- Litigation Compliance Module

BENEFITS

- Each policy contains indicators to ensure policies are in place, are properly documented, staff is trained, there's evidence of policy implementation, steps for corrective action are in place, and that the policy has been audited.
- Nature of Operation Compliance Module
- FDCPA Parts I, II & III Compliance Module
- GLBA & ECOA Compliance Module
- Complaint Tracker
- Phone Recordings Tracker
- Corrective Action Audit Reports
- Dual Phone Call Audit
- Training Log

Solution overview for DATA INTEGRATIONS

SAMPLE	DATA WAREHOUSE	Activity Type	Title
DIAL	DIALER DATA WAREHOUSE	DWCUBE	DIALER DATA WAREHOUSE
DIAL	DIALER DATA WAREHOUSE	DWCUBE	DIALER DATA WAREHOUSE
DIAL	DIALER DATA WAREHOUSE	DWCUBE	DIALER DATA WAREHOUSE
DLNCL	NXCALL_CUBE	DWCUBE	DIALER NEXT CALL UPDA...
DLRALL	DLR_ALL	DWCUBE	DIALER DATA ALL CLIENTS
DLRAM	DLR_DATA_AM	DWCUBE	DIALER DATA WAREHOUSE

Row: 501 Total Record: 0

Title: NOT DIALED

Select Condition 1 Source Value for your evaluation

Table: DEMOGRAPHIC DLR - (DLR)

Field: DLR CALL DATE (1)

Select the operator for your evaluation: !=

Compare to a "Manual" or "System" or "Prompt" value?

Value: TODAYSDATE [Wrap in Quote] [Today's Date]

Flow Diagram: START -> CUBE (HD 2.0) -> COMPANY

DATA INTERFACE BRIDGE PLATFORM

HD 2.0 | FUSION

IMPACT HD 2.0 | FUSION Data Interface Bridge Platform

HD 2.0 | FUSION Data interface bridge platform is designed for Information Technology departments, Data Infrastructure Engineering and Network Operations business units for call centers and financial institutions.

If you could magically merge all your systems into one powerful platform, would you? Now you can with HD 2.0 | FUSION!

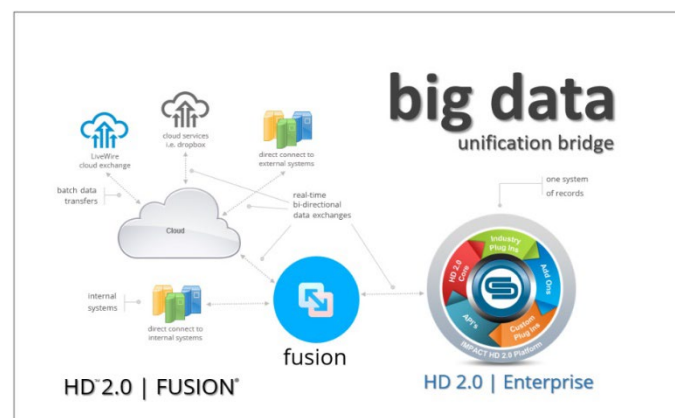
Now you can seamlessly unite all your systems into one enterprise ecosystem platform unifying all critical business processes as well as accelerating key operational functions, while enjoying real-time reporting data visibility.

SOLUTIONS

- Financial & CRM Data Integration
- System of Records Centrification
- Revolutionary Rules Engine
- Full Battery of APIs

BENEFITS

- Secure external facing services
- Multi-channel glass panel Dashboards
- Access to Big Data
- Data gathering on-demand



Solution overview for DATA WAREHOUSE

CSS IMPACT

HD™ 2.0 | CUBE



DATA WAREHOUSE PLATFORM

HD 2.0 | CUBE

IMPACT HD 2.0 | CUBE Data Warehouse platform

HD 2.0 | CUBE Data Warehouse platform is designed for Information Technology departments, Data Analytics and Data Science business units for call centers and financial institutions.

Financial & Demographics data are meaningful to all organizations as it must represent key data measurements of the business, such as sales, profits, expenses, budgets, revenues, risks, security, financial forecasts and more. These measurements are compiled data-sets that are mathematically computed in summary or in detailed form, traditionally referred to as a data CUBE. A multi-dimensional data-set, sliced & diced data, or CUBE information is traditionally treated by dropping it onto an Excel spreadsheet, then manually applying mathematical computations & pivots for recomputed results. The problem with creating such multi-dimensional data-sets or CUBEs from spreadsheets is that the data isn't real-time, it rapidly becomes stale & carries virtually zero referential data integrity to production data sources or system of records.

HD 2.0 | CUBE generates multi-dimensional data-sets from multiple systems of records and data sources by crafting its output using a "Contact Decisioning Rules Engine" employing real-time analytical data evaluations and calculations on-demand. This data is like no other because the data representation includes pre-disposed rule-based figures and in parallel dynamic production data points as well as financial data aggregation.

SOLUTIONS

- Financial Decisioning Rules Engine
- Visual Data Workflows
- Revolutionary built-in data previewer
- Data logic versioning controls

BENEFITS

- Data compilation preview outputs
- Dynamic Data Cube auto-annotations
- Data point in time snap-shots
- Data roll back features

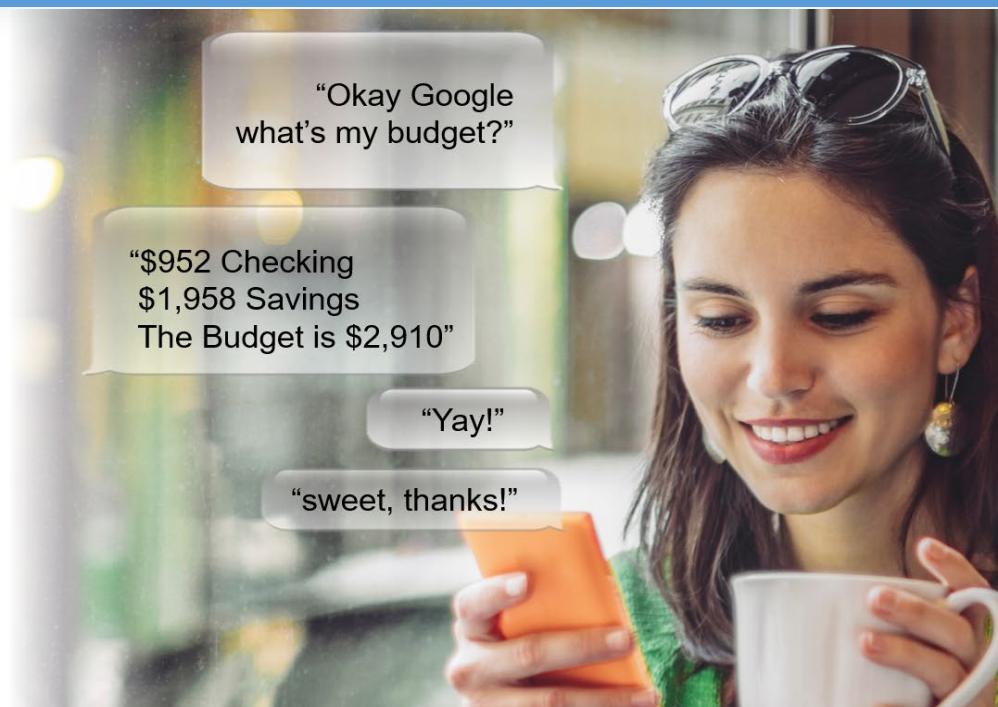
Solution overview for DIGITAL CUSTOMER SERVICE

Ai

banking



with Google Assistant



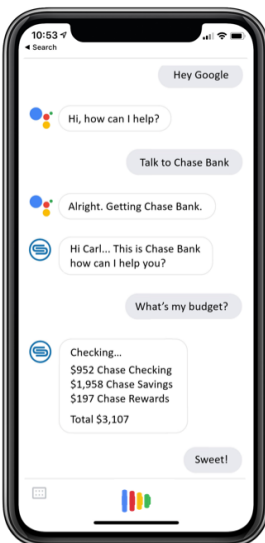
HD 2.0 | AI DIGITAL ENGAGEMENT PLATFORM

HD 2.0 | AI



CSS IMPACT

ai | cx enterprise ecosystems
& omnichannel platform



Hands free banking



On any platform



across devices

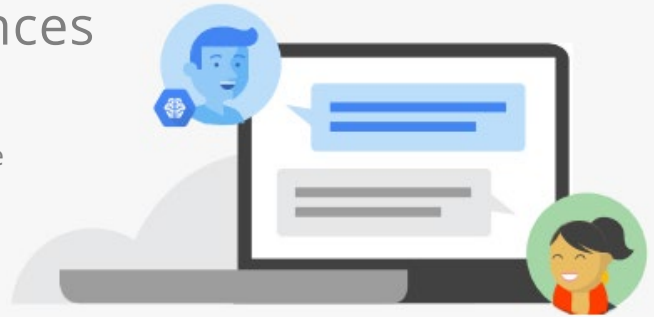


With voice-activated devices like
Google Home or Alexa

Solution overview for DIGITAL CUSTOMER SERVICE

Natural conversational experiences

HD 2.0 | AI is an end-to-end artificial intelligence customer service engagement system that allows businesses to service customers with personalized rich natural conversational experiences across common devices & platforms of communications such as web, mobile, messaging, phone, & IoT devices.



HD 2.0 | AI DIGITAL ENGAGEMENT PLATFORM

HD 2.0 | AI

IMPACT HD 2.0 | AI Digital Engagement Platform

HD 2.0 | AI is a cognitive “Ai” machine learning digital agent platform that engages with customers in an interactive Natural Language conversation, understanding & recognizing the customer’s intent & extracting personalized real-time rich-responses by interfacing behind the scenes with HD 2.0 | AI business rules engine.



Deliver automated phone service

Customers can call & talk directly to your Ai agent to ask common questions, check balances, schedule alerts, make payments and much more.



Understand customer sentiment

Ai performs Sentiment Analysis for each customer query, scores them & are used to hand off unsatisfied customers to live agents.



Improve customer experience

Ai offers a frictionless self-service experience with personalized natural conversations & rich-responses.



Designed for a voice-first world

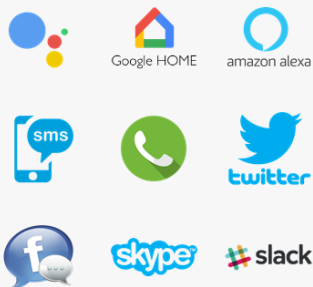
All customer voice interactions are streamed in real-time & transcribed onto customer’s account.

SOLUTIONS & BENEFITS

- Designed for a voice-first world
- Understands user sentiments
- Connect from any digital device
- Natural conversational experience
- Machine learning customer service
- Zero gravity marketing growth
- Opportunities acceleration
- Fraud detection & risk management
- Finance & underwriting automation
- Payment reminders & processing

Solution overview for DIGITAL CUSTOMER SERVICE

On any platform



Across devices



Around the world



HD 2.0 | AI DIGITAL ENGAGEMENT PLATFORM

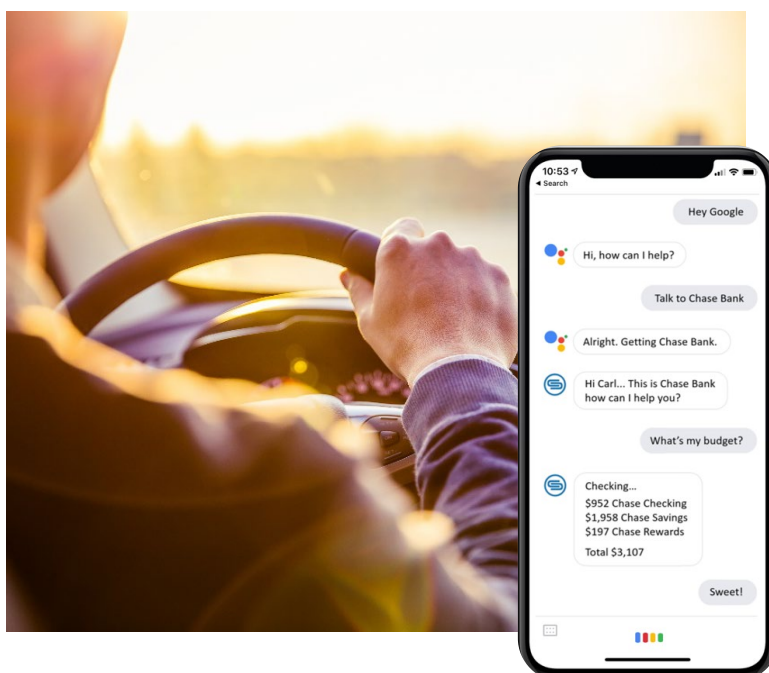
HD 2.0 | AI

IMPACT HD 2.0 | AI Customer Service Engagement System

Today's consumers order goods on hands free devices like Google Home or Alexa while making dinner or relaxing by the beach.

What if you could also do all your banking like that?... such as check your balance, make a payment or get a loan "hands free" without changing your customer's behavior?... Now you can!

CSS IMPACT Enterprise Ecosystems offers cognitive "AI" machine learning financial bots that use common digital channels of communications such as voice-controlled devices like Google Home, Google Assistant, & Alexa, also Text, Chat, Facebook Messenger & other popular social messaging platforms as well as NL (Natural Language) Human Voice Telephone interactions.



SOLUTIONS & BENEFITS

- Hands free banking
- Connect from any digital device
- Voice driven natural language "Bots"
- Machine learning customer service
- Virtual assistant "Bots"
- Zero gravity marketing growth
- Opportunities acceleration
- Fraud detection & risk management
- Finance & underwriting automation
- Payment reminders & processing



"Hey Google,
what's my budget?"

ROI Employing an Omni-Channel Collections Platform



HD 2.0 | AI Digital Engagement Collections Platform

Why old Collections Practices no longer work

There is no denying we're in the age of the customer. To reach the new generation of debtors we must pivot to their needs and types of interaction behaviors. Ultimately, the one thing in common: all expect effortless, intuitive service experiences that deliver precisely what they need when they need it. Now more than ever, they expect to get resolution by using the simple power of their voice, the frictionless experience of apps, texting and/or AI voice activated devices, such as Google Home or Alexa.

Two elements for a successful digital Omni-channel collections transformation

#1 An Integrated AI Tech Stack Debt Collections Platform

#2 Built-in Omni-Channel Outbound & Inbound Debtor Engagement Technology

40%

Of consumers prefer to engage with organizations using voice assistants & digital channels

Customers, **resolve** straightforward customer service interactions via self-service.

- Forrest Research

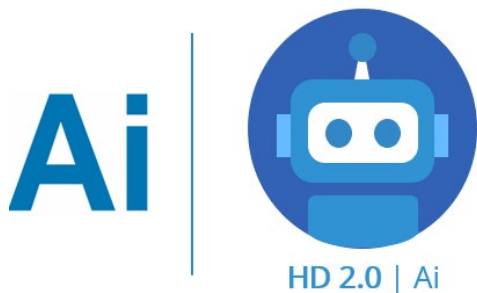
50%

say IVR is the biggest source of customer service frustration ²

1. Conversational Commerce: Why Consumers Are Embracing Voice Assistants in Their Lives. CapGemini

2. Get It Right: Deliver the Omni-Channel Support Customers Want. Ovum Research

ROI Employing an Omni-Channel Customer Service Solution



Omni-Channel Collections



HD 2.0 | AI Digital Customer Engagement Platform

How CSS can help.

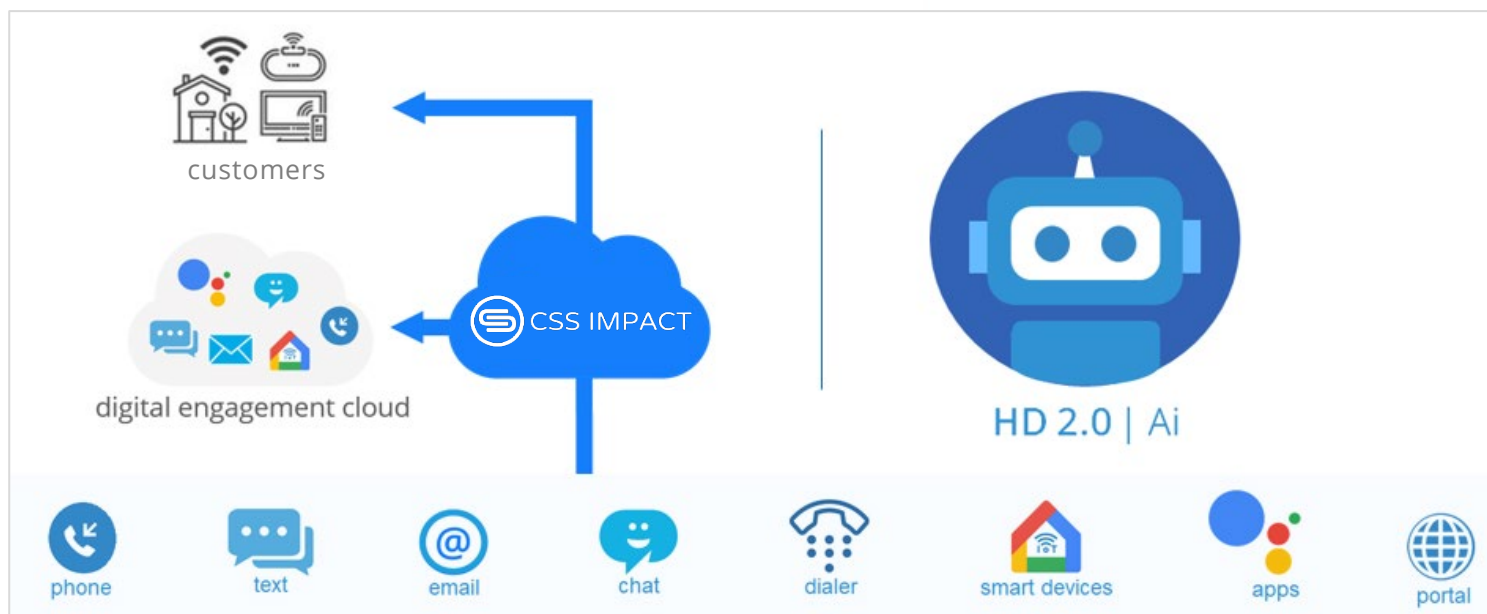
We can help you implement a fully integrated omni-channel customer service digital engagement system that will:

increase | overhead savings

on average companies save

65%

of their agent staff phone engagement budget



Data Center Certifications



CSS IMPACT
enterprise ecosystems



CSS Cloud

CSS Cloud Data Center

IMPACT HD 2.0 | CSS CLOUD

IMPACT HD 2.0 | CSS Cloud

Global Compliance Programs & Certifications for IMPACT HD 2.0 | CSS Cloud TIER 3 (included).



NIST

National Institute
of Standards and
Technology



ISO 27001

Security
Management
Controls



**PCI DSS
Level 1**

Payment Card
Standards



**HITRUST
CSF**

Health
Information Trust



SOC 1

Type 2 Audit
Control
Report



SOC 1

Type 2
Bridge
Letter



SOC 2

Type 2 Audit
Control
Report



SOC 2

Type 2
Bridge
Letter

AWS Cloud

AWS Cloud Data Center

IMPACT HD 2.0 | AMAZON AWS CLOUD

IMPACT HD 2.0 | AMAZON AWS Cloud

Global Compliance Programs & Certifications for IMPACT HD 2.0 | AMAZON AWS Cloud TIER 2 (optional).



CSA

Cloud Security
Alliance Controls



ISO 9001

Global Quality
Standard



ISO 27001

Security
Management
Controls



ISO 27017

Cloud Specific
Controls



**PCI DSS
Level 1**

Payment Card
Standards



SOC 1

Audit Controls
Report



SOC 2

Security,
Availability, &
Confidentiality



NIST

National Institute
of Standards and
Technology

AWS GovCloud

AWS GovCloud Data Center

IMPACT HD 2.0 | AMAZON AWS GovCloud

IMPACT HD 2.0 | AMAZON AWS GovCloud

Global Compliance Programs & Certifications for IMPACT HD 2.0 | AMAZON AWS GovCloud TIER 1 (optional).



CSA

Cloud Security
Alliance Controls



ISO 9001

Global Quality
Standard



ISO 27001

Security
Management
Controls



ISO 27017

Cloud Specific
Controls



ISO 27018

Personal Data
Protection



**PCI DSS
Level 1**

Payment Card
Standards



SOC 1

Audit Controls
Report



SOC 2

Security,
Availability, &
Confidentiality



SOC 3

General Controls
Report



NIST

National Institute
of Standards and
Technology

AWS GovCloud

AWS GovCloud Data Center

IMPACT HD 2.0 | AMAZON AWS GovCloud

IMPACT HD 2.0 | AMAZON AWS GovCloud

National Compliance Programs & Certifications for IMPACT HD 2.0 | AMAZON AWS GovCloud TIER 1 (optional).



CJIS

Criminal Justice
Information
Services



DoD SRG

DoD Data
Processing



FedRAMP

FedRAMP

Government
Data Standards



FERPA

Educational
Privacy Act



FFIEC

Financial
Institutions
Regulation



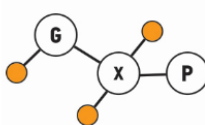
FIPS

Government
Security
Standards



FISMA

Federal
Information
Security



GxP

Quality
Guidelines and
Regulations



HIPAA

Protected Health
Information



HITRUST

CSF

Health
Information Trust

Concierge professional technical services
designed to cater as an extension of
your internal team.



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