

Financial Analyst Day

November 18, 2021



The Intelligent Cloud Contact Center

Safe Harbor

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Agenda

Topic	Presenter
Reimagining Customer Experience	Rowan Trollope, CEO
Vision and Roadmap	Callan Schebella, EVP Product
Go-to-Market Momentum	Dan Burkland, President
Break	
Customer Panel	Moderated by: Dan Burkland, President
Building Blocks of Durable Growth	Barry Zwarenstein, CFO
Q&A	CEO, CFO, President, EVP Product

Reimagining Customer Experience

Rowan Trollope, CEO

Reimagining Customer Experience

Five9 Journey

We do what we say



Five9 Positioning

Capitalizing on key trends



Long-Term Strategy

Driving durable growth

A man with a beard, wearing a grey sweater, is sitting at a desk. He is holding a smartphone to his ear with his right hand and has his left hand on a laptop keyboard. On the desk, there is a white mug and a small dark object. The background is a blurred office setting with plants and other people. The entire image is overlaid with a semi-transparent pink filter.

Our Purpose

**Make customer
service a more
human experience**

Key trends driving a strong market

**Cloud
Migration**

**Digital
Transformation**

**AI &
Automation**

Commitments from our 2019 Financial Analyst Day



**Larger
Customers**



**Partner
Expansion**



**International
Growth**



**AI &
Automation**



**Larger
Customers**

2X growth in Strategic sales team

**3 largest ARR customers booked
(\$23M, \$12M, \$12M)**



**Partner
Expansion**

New partnerships



5X growth in partners with \$1M+ ARR bookings



**International
Growth**

4X+ growth in EMEA team

**161% CAGR in EMEA and
LATAM bookings**



**AI &
Automation**

Key acquisitions



**Deployed Agent Assist,
VoiceStream,
Conversation Architect**

Reimagining Customer Experience

Five9 Journey

We do what we say



Five9 Positioning

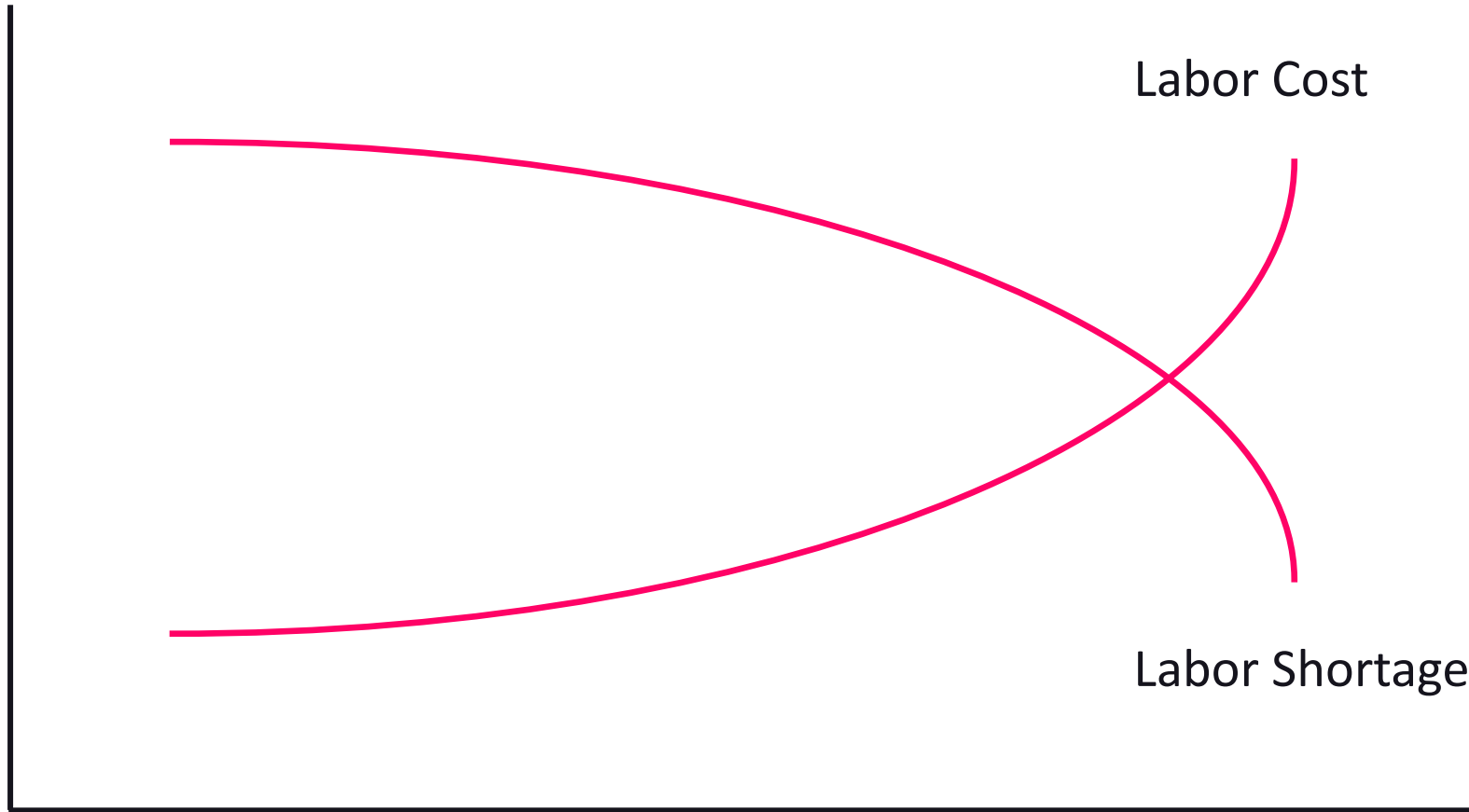
Capitalizing on key trends



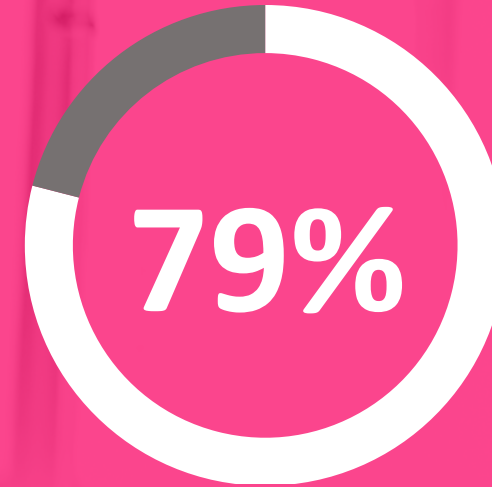
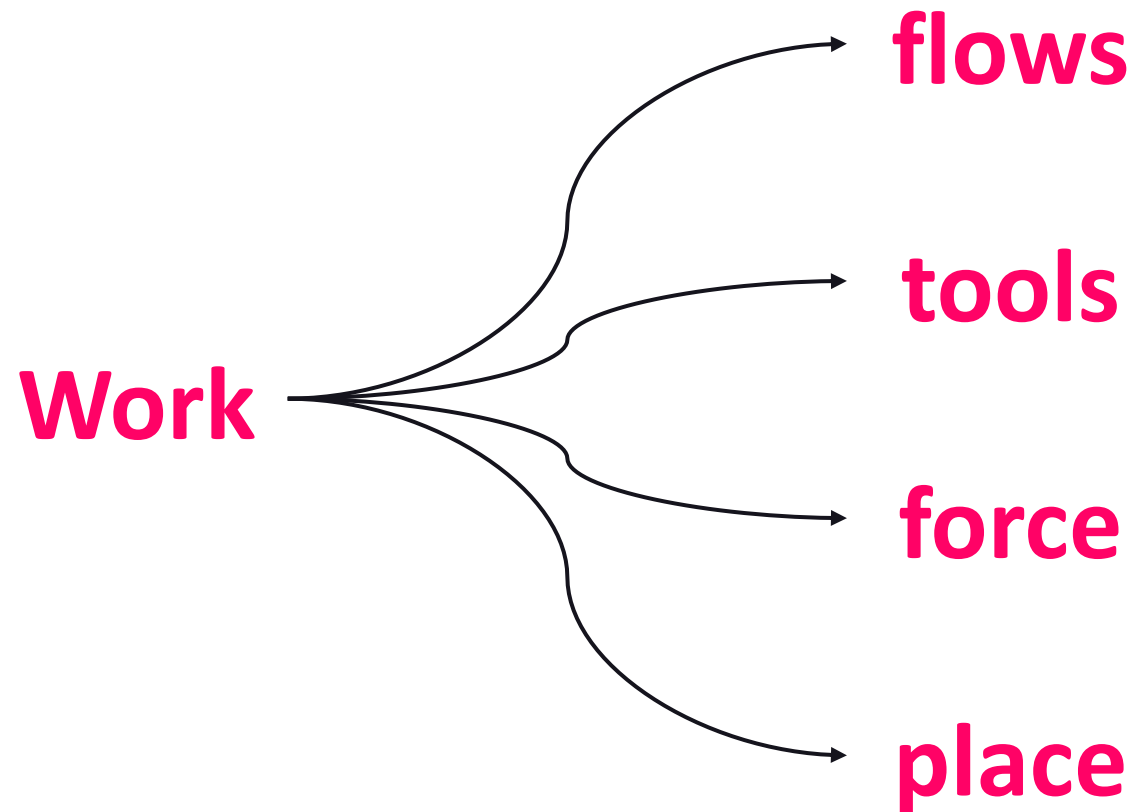
Long-Term Strategy

Driving durable growth

Current labor market is exacerbating the issue



Businesses are reimagining



Of contact center decision makers have increased their budget for digital transformation

Market dynamics continue to fuel three key trends

Digital Transformation

enhances customer experience

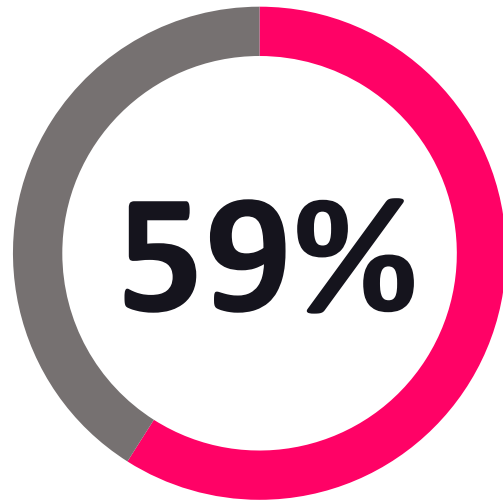
Cloud Migration

empowers contact centers

AI & Automation

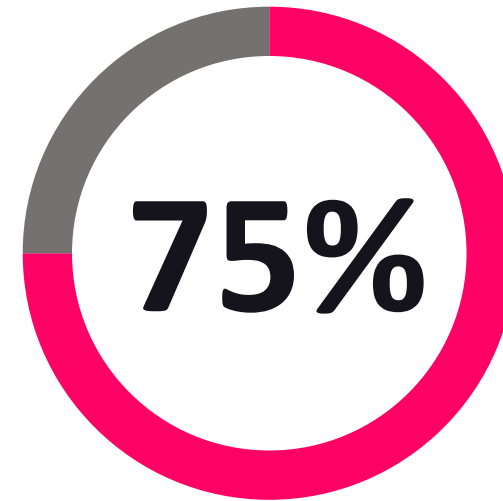
improves efficiency

Customer expectations are increasing...



Of customers
say their **standards**
have been raised

...but contact centers are struggling to deliver



Of customer service
professionals say **managing**
case volume is challenging

**Five9 is best positioned
to deliver a leading
innovative platform to
empower businesses**

Digital Transformation

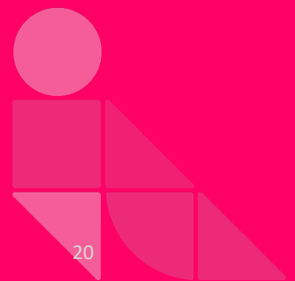
enhances customer experience

Cloud Migration

empowers contact centers

AI & Automation

improves efficiency



Digital Transformation

enhances customer experience

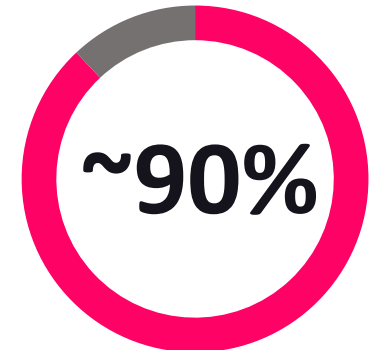
Businesses

#1

Of top 7 challenges for enterprise CX leaders is **lacking a single view of the customer**



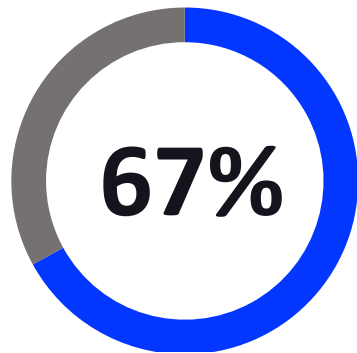
Of our Enterprise deals sell to **line-of-business** leaders focused on **CRM** and **customer experience**



Cloud Migration

empowers contact centers

Businesses



Of on-premise contact centers feel **limited by their current solutions**



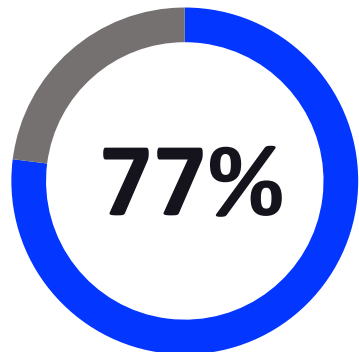
Comprehensive born-in-the cloud platform
to empower agents



AI & Automation

improves efficiency

Businesses



Of customer service professionals say automating routine tasks allows them to **focus on more complex work**



Growth in net new **Five9 IVA customers** over the last year

5X

Demand for AI & Automation is expanding our TAM

Digital Transformation

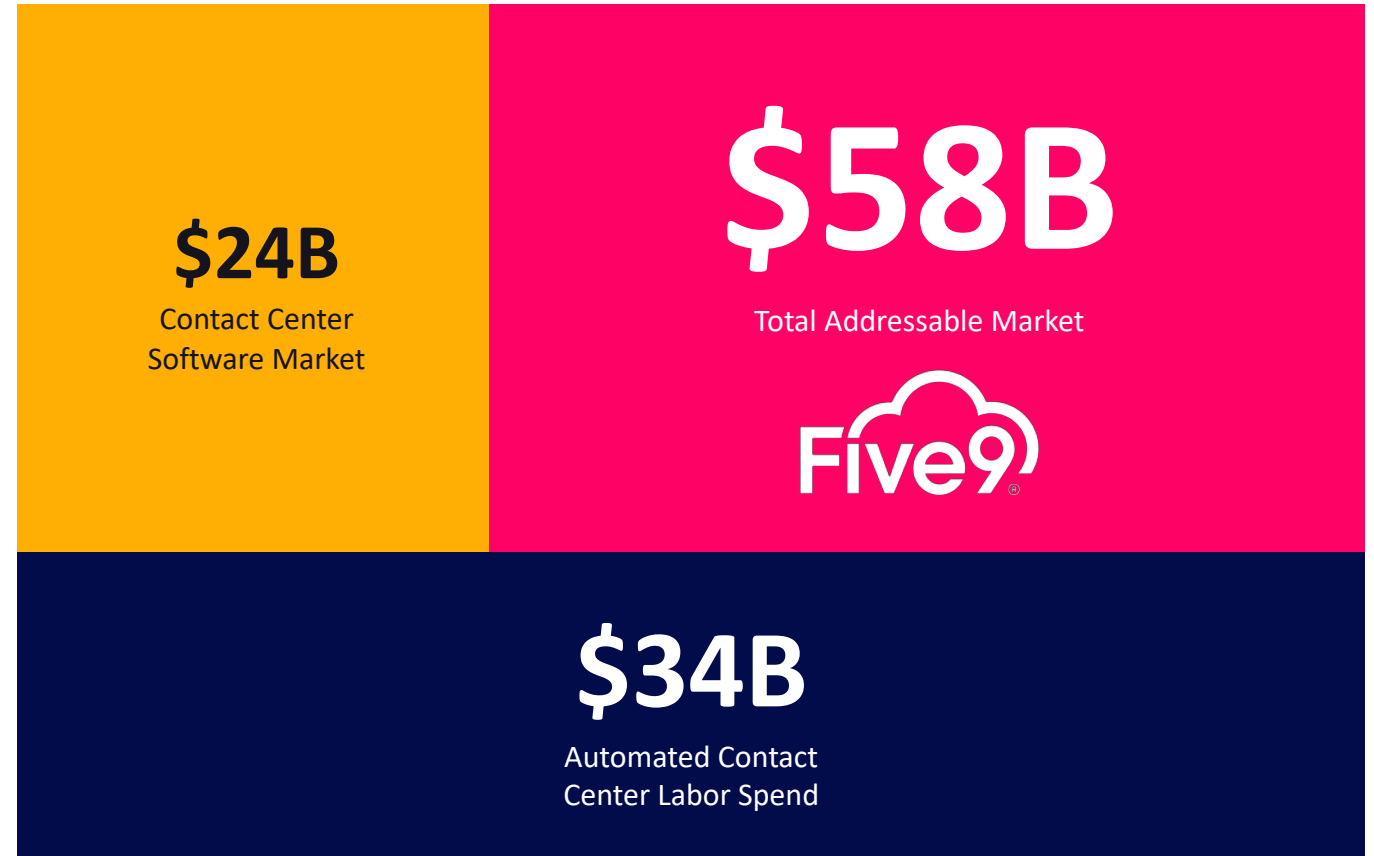
enhances customer experience

Cloud Migration

empowers contact centers

AI & Automation

improves efficiency



Note: \$34B = 16% of \$210B contact center labor market being automated (per McKinsey)

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Reimagining Customer Experience

Five9 Journey

We do what we say



Five9 Positioning

Capitalizing on key trends



Long-Term Strategy

Driving durable growth

Building blocks of durable growth



**Larger
Customers**



**Partner
Expansion**



**International
Growth**



**AI &
Automation**

Continuing to make key strategic investments

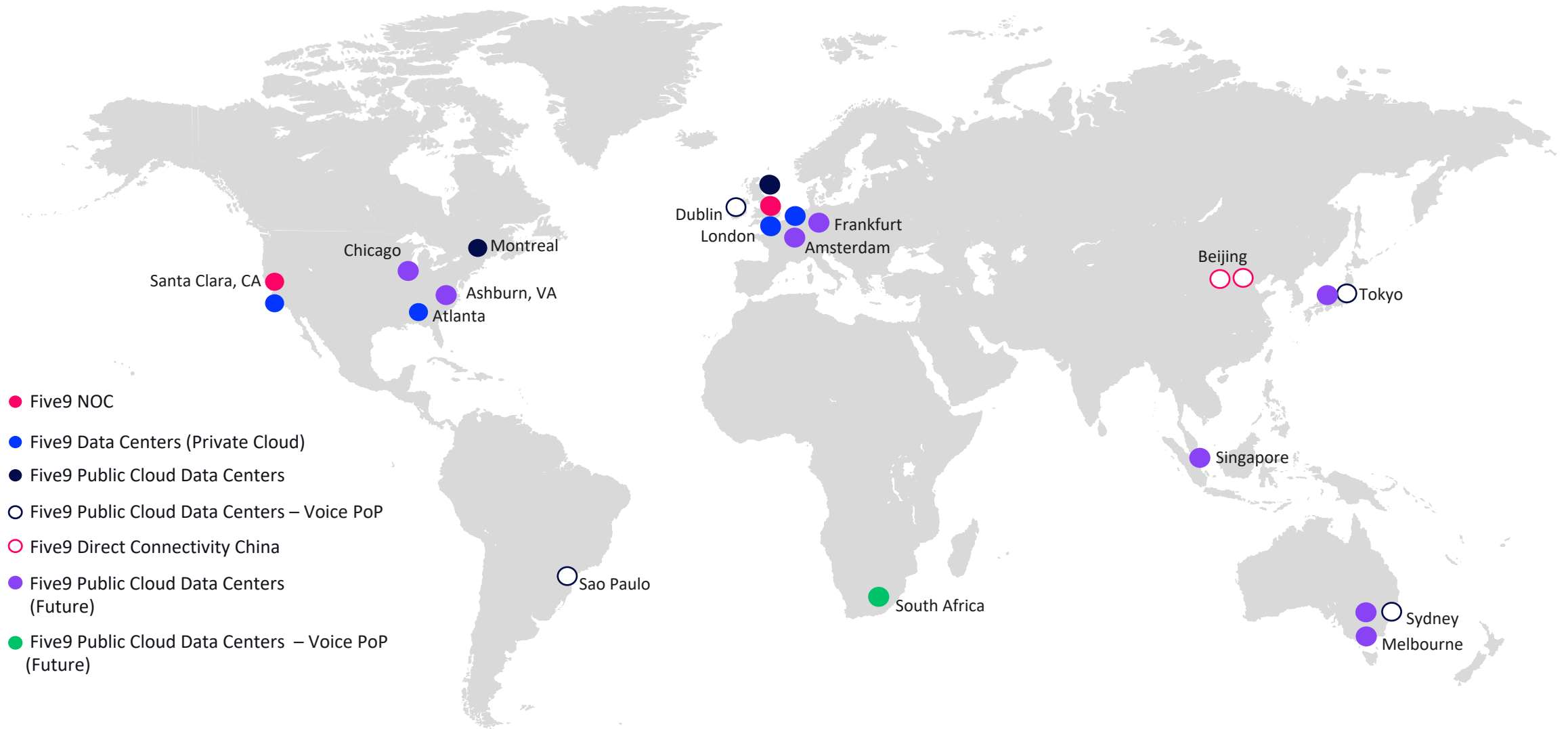
46% S&M
Q3'21 LTM
(YoY)

43% R&D
Q3'21 LTM
(YoY)

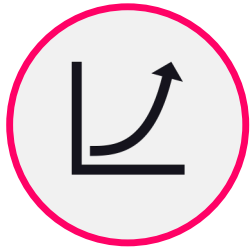
40% Professional
Services
Q3'21 LTM
(YoY)

4X Public Cloud
Q3'21 LTM
(YoY)

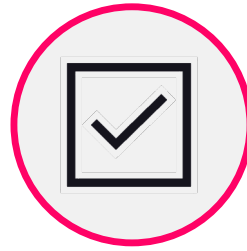
Investing in public cloud for global expansion



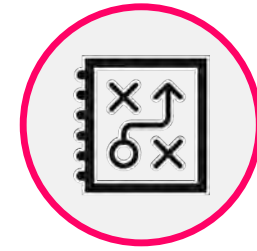
Looking ahead



Positive Market



Positive Position

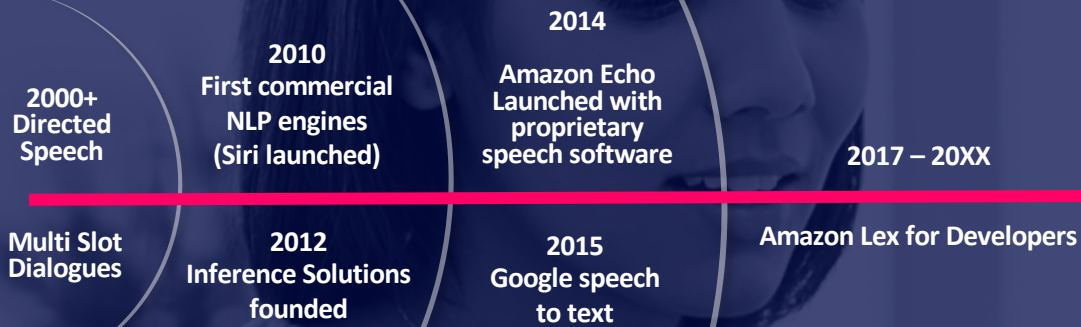


Proven Execution

Vision and Roadmap

Callan Schebella, EVP Product

Evolution over time



Mission

Transform how businesses engage with their customers and deliver that brief moment of delight when your customer discovers that their problem has been effortlessly resolved.

How

Embed AI, you need to make every interaction context aware, and you need to make it persistent. At Five9 we call this extending your contact center with a digital workforce.

A market leading platform

Built for Innovation

- Born in Cloud, accessible as services
- Impossible to replicate quickly
- Latest generation Public Cloud
- Extreme Speed with modern scalability and safety
- Open platform – hundreds of APIs and a vibrant partner eco-system
- #1 in Conversational AI for self-service and agent assistance

Recognized by the Market



Built for scale, reliability and security

Figure 6: Average Platform Features Satisfaction Ratings, by Category

	8x8	Alvaria	Bright Pattern	Cisco	Five9	NICE CXone	Puzzel	Twilio	UJET	Vonage	Category Average	Range
System administration/provisioning and license management	5.0	3.33	4.33	4.33	5.0	5.0	4.33	4.0	3.66	4.0	4.30	1.67
System security	4.66	3.66	4.33	4.0	5.0	4.66	4.33	3.33	3.66	4.0	4.16	1.67
Regulatory compliance	5.0	4.0	4.33	4.66	5.0	4.66	3.0	3.33	3.66	3.66	4.13	2.0
System scalability	5.0	4.0	4.0	4.0	5.0	5.0	4.66	4.0	3.66	4.33	4.37	1.34
Platform reliability (system availability and uptime)	4.66	3.66	4.33	4.66	5.0	4.66	4.33	3.33	4.0	3.66	4.23	1.67
Business continuity/disaster recovery	5.0	3.33	4.0	4.33	5.0	5.0	2.33	3.33	3.66	3.66	3.96	2.67
Ease of integration with third-party applications	3.33	3.0	3.66	3.66	5.0	5.0	2.66	3.66	3.66	4.0	3.76	2.34
Vendor Average	4.66	3.57	4.14	4.23	5.0	4.85	3.66	3.57	3.71	3.90		

Source: DMG Consulting LLC, September 2021

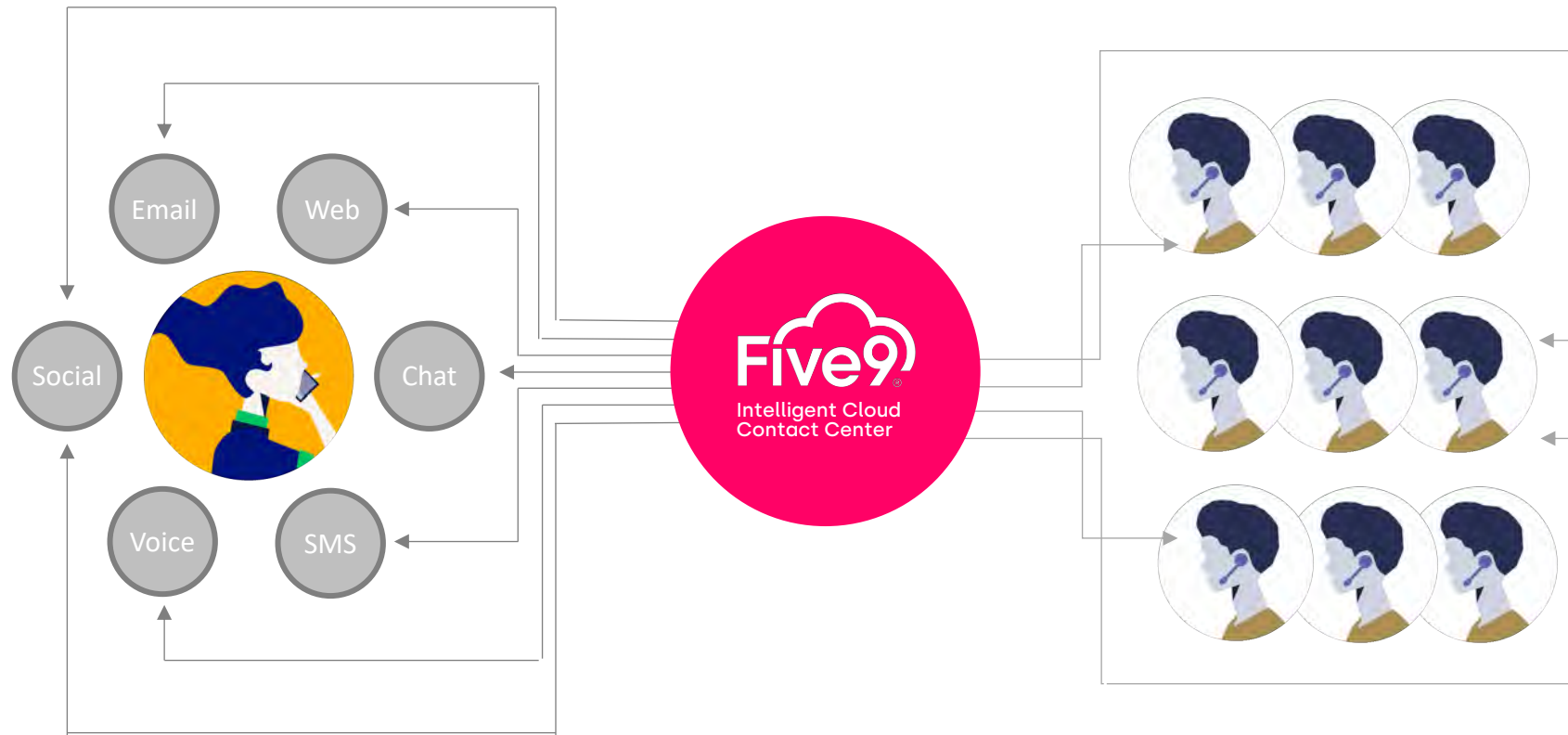
99.995%

**Avg. Monthly Systems Availability
(last 12 months)**

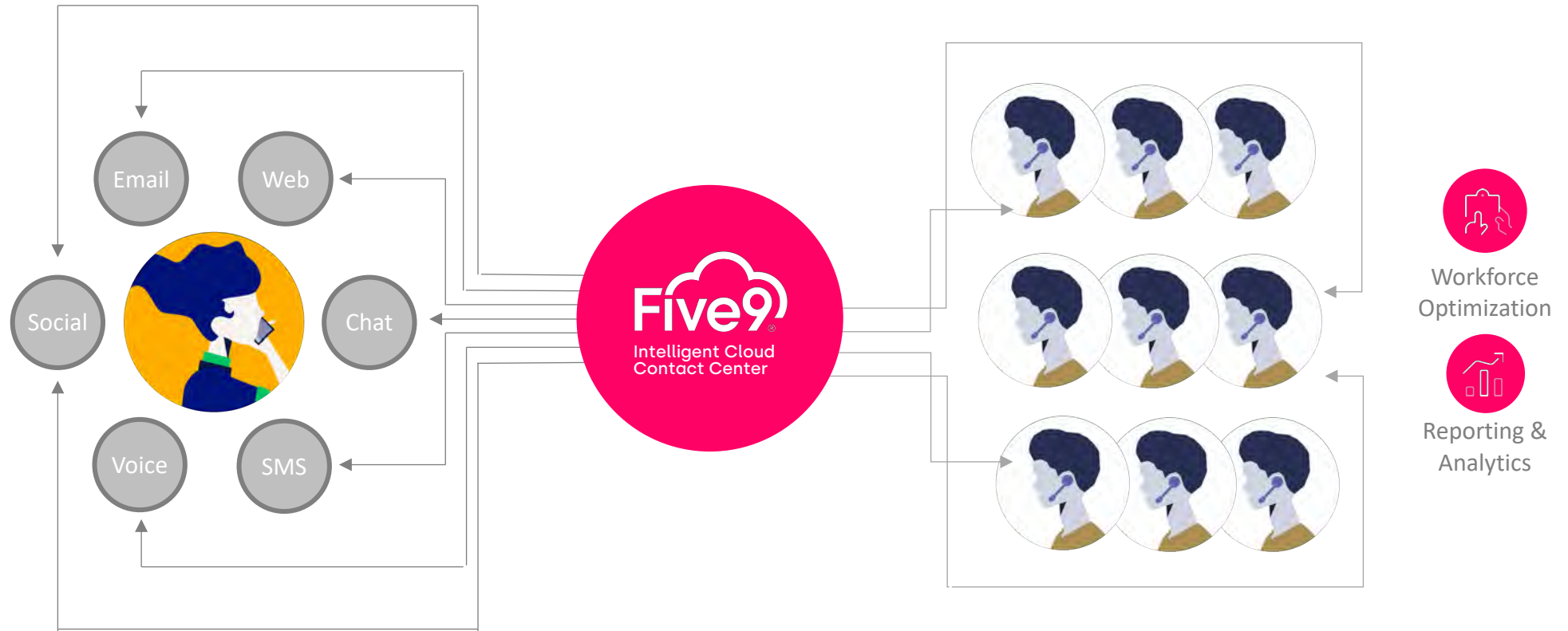


Where do we go from here?

The traditional contact center



The traditional contact center



The traditional contact center



Key trends driving fundamental changes



Consumers are choosing compelling experiences over product alone



Omnichannel is expected



Contactless is becoming the new preference

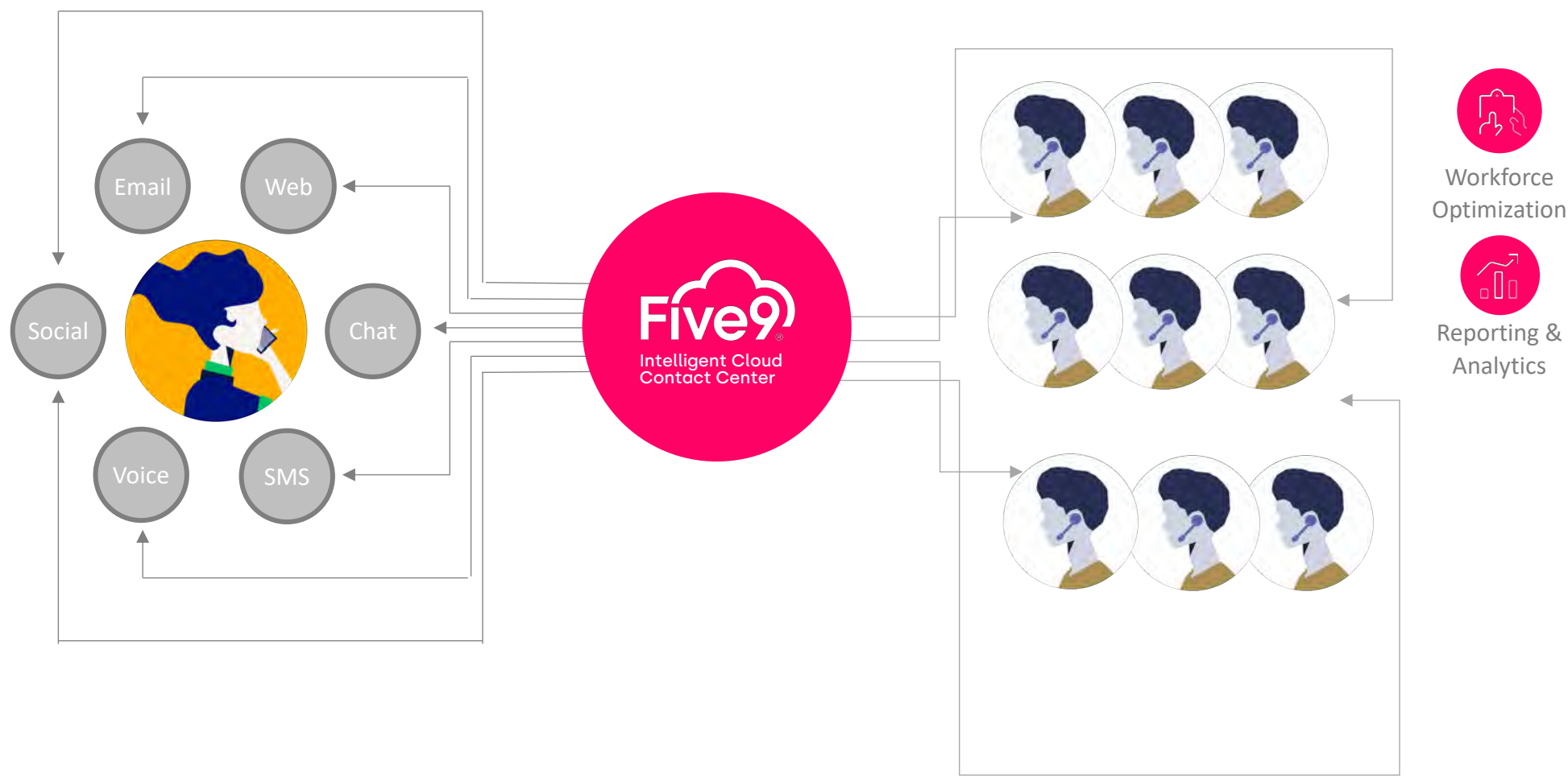


Labor is becoming more expensive, harder to find and harder to retain

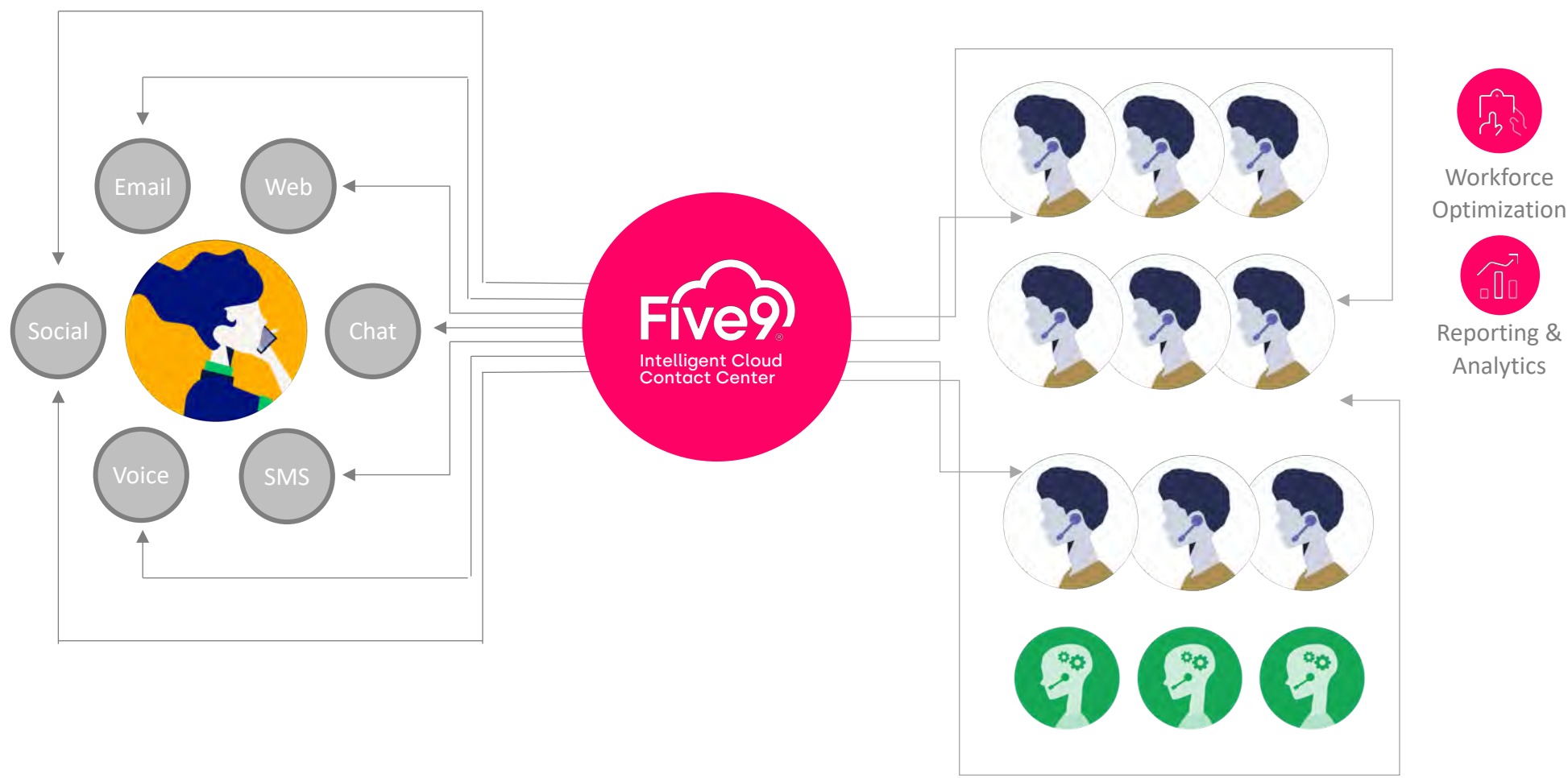
**Customers have realized
they can't hire their way
out of the problem**

Introducing the Digital Workforce

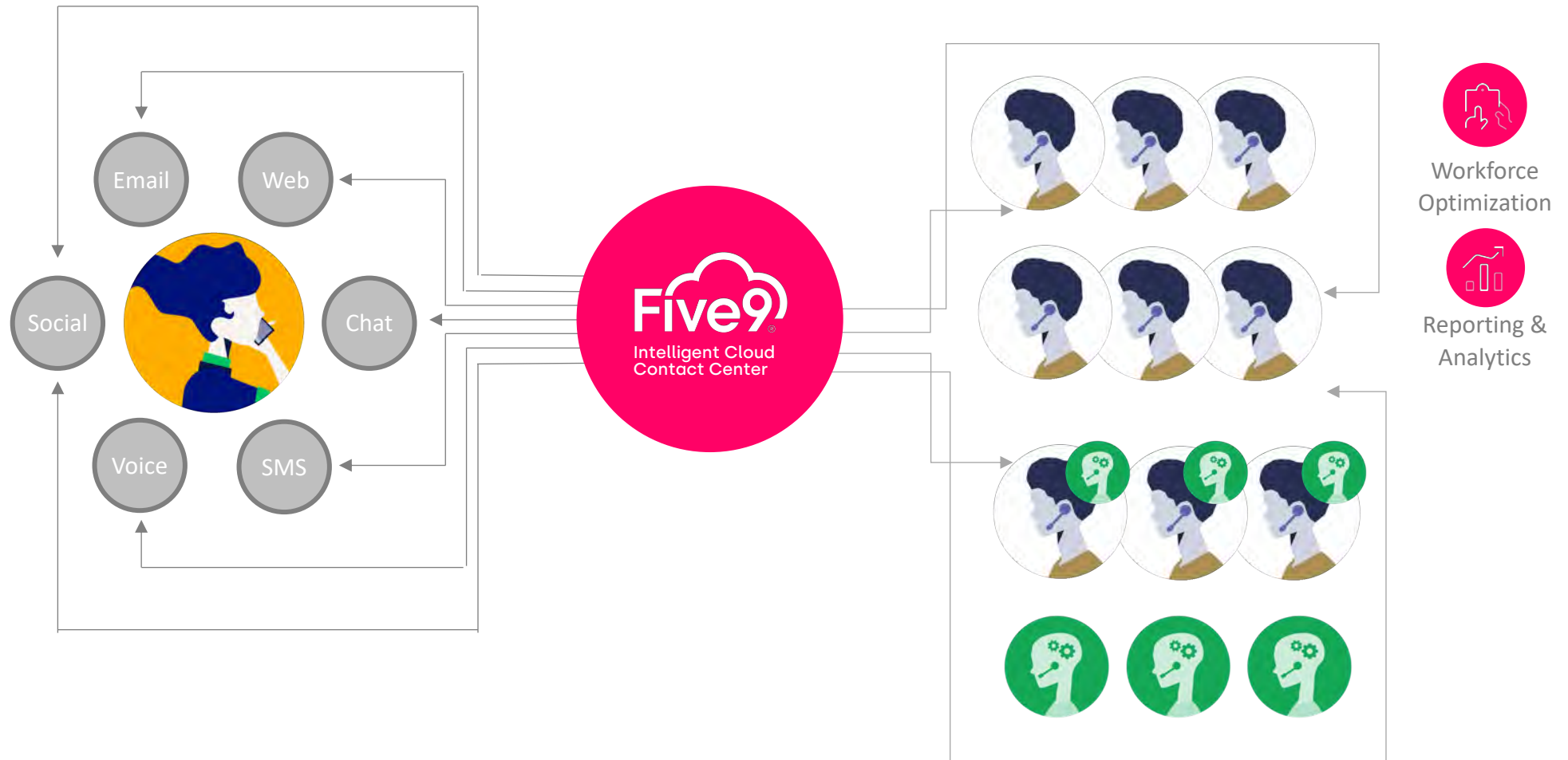
A new way to think about the contact center



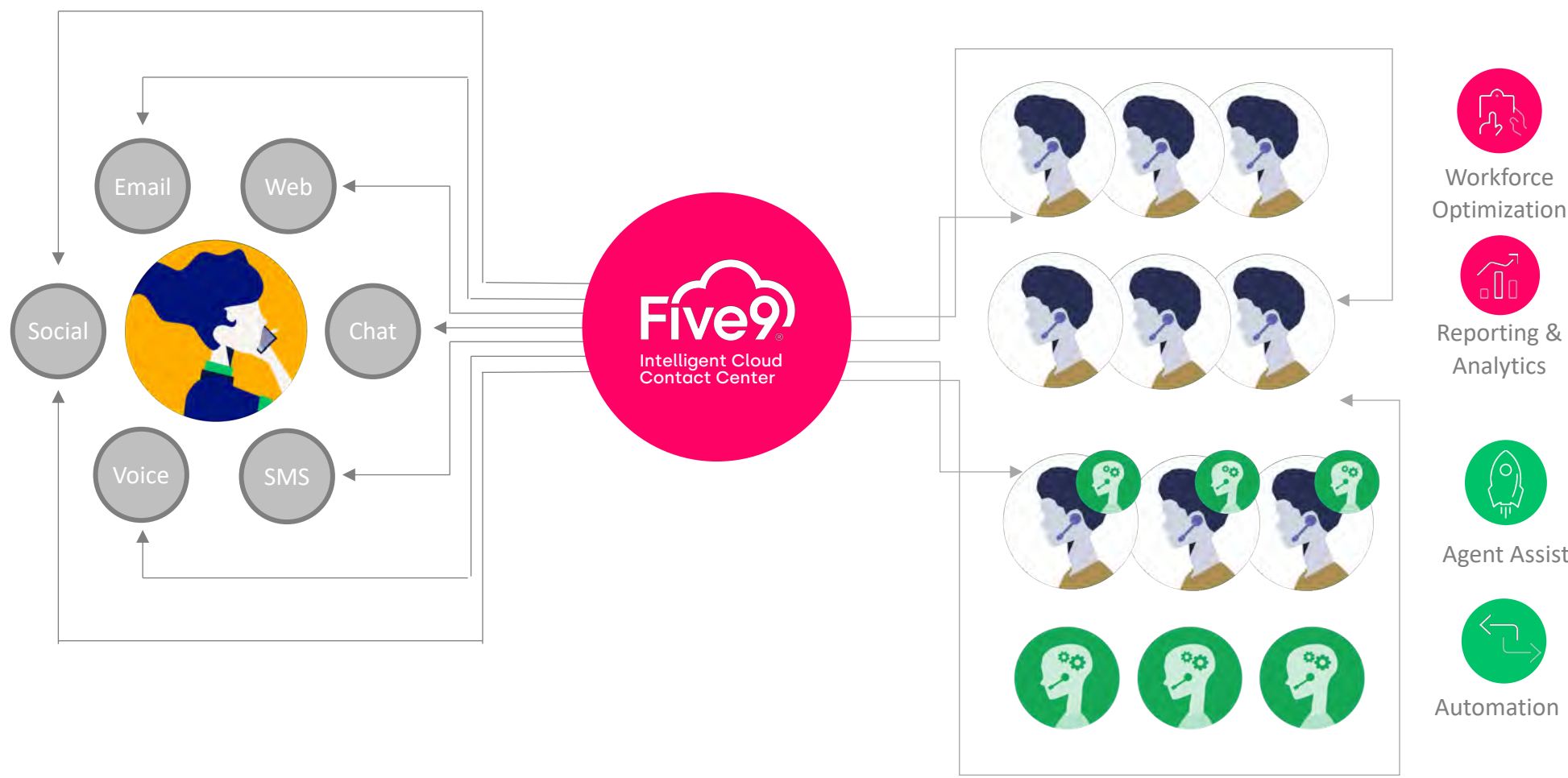
A new way to think about the contact center



A new way to think about the contact center



A new way to think about the contact center



A digital workforce in action

Healthcare provider

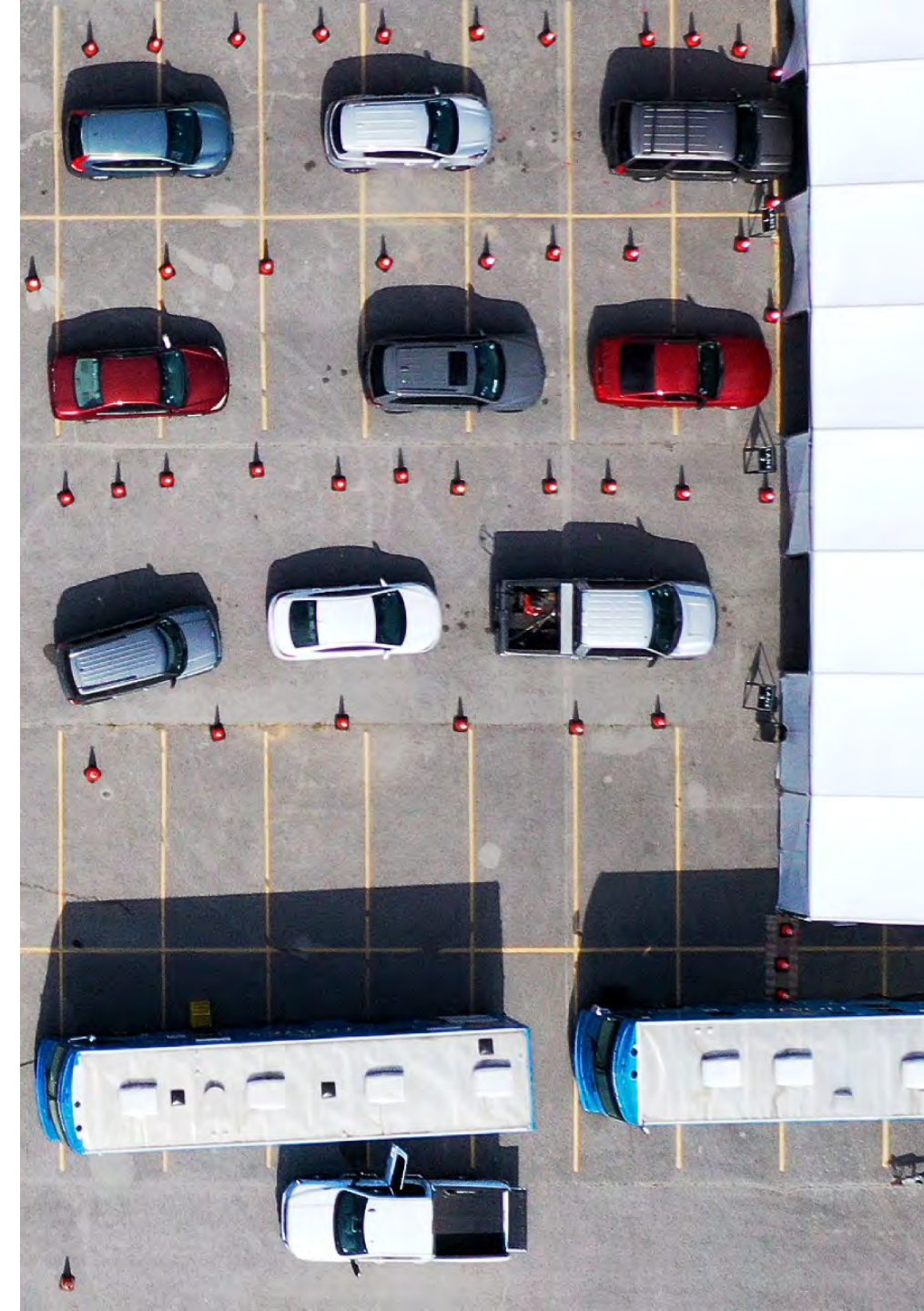
Scale with Live Agents wasn't Possible

- Zero visibility into agent activity
- Inability to scale with ease to meet customer demand (call volume increased 310% WoW)
- Limited reporting and accountability
- Short-staffed agent pool and IT team

A digital workforce allowed them to meet demand

- Up and running with Five9 Intelligent Cloud Contact Center and IVAs in under 10 days
- Full transparency into agent activity and productivity
- Ability to scale on demand to handle inquiry spikes

Based on the call volumes they experienced over the last year, it is estimated to save over \$2 million in the first year by utilizing Five9 IVAs which can now be redeployed into future investments to diversify the business.



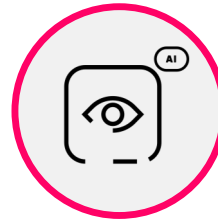
The Five9 AI & Automation Strategy



Intelligent Virtual Agents

Pre-Interaction

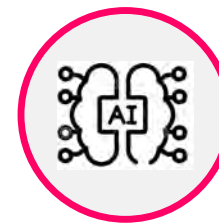
Enable customers to interact across their channel of choice



Agent Assist

During Interaction

Live agents are assisted with AI & Automation

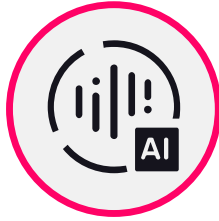


Workflow Automation

Post Interaction

AI & Automation helps post call follow up

The Five9 AI & Automation Platform



Five9 VoiceStream

Agent Assistance
Speech Biometrics
Real-Time Speech Analytics
Real-Time Sentiment



CRESTA

Medallia



One workforce, many jobs



SERVICE CUSTOMERS

Use IVA to handle incoming customer requests for routine information e.g. appointment setting, status checks, address changes etc



COACH AGENTS

Agent Assist offers real-time coaching and guidance to agents. This can be used for training new agents or helping existing agents to handle complex issues.



ENSURE QUALITY

Interaction analytics can be used to transcribe calls and monitor adherence to scripts thus protecting CSAT and managing agent productivity

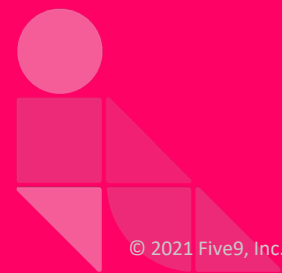


PROVIDE INSIGHT

Speech analytics – WFO



How do we do it?



Extending our leadership position in key areas

EASY TO IMPLEMENT



- You don't need a developer
- You don't have to start from scratch
- Future proof
- Easier fulfillment
- Reduced testing time

ACCESSIBLE TO PARTNERS



- Tools and processes designed for channel partners
- Enabling new business opportunities across ISVs, VARs, MAs, Telcos and Consultants

EASY TO TRAIN AND MAINTAIN



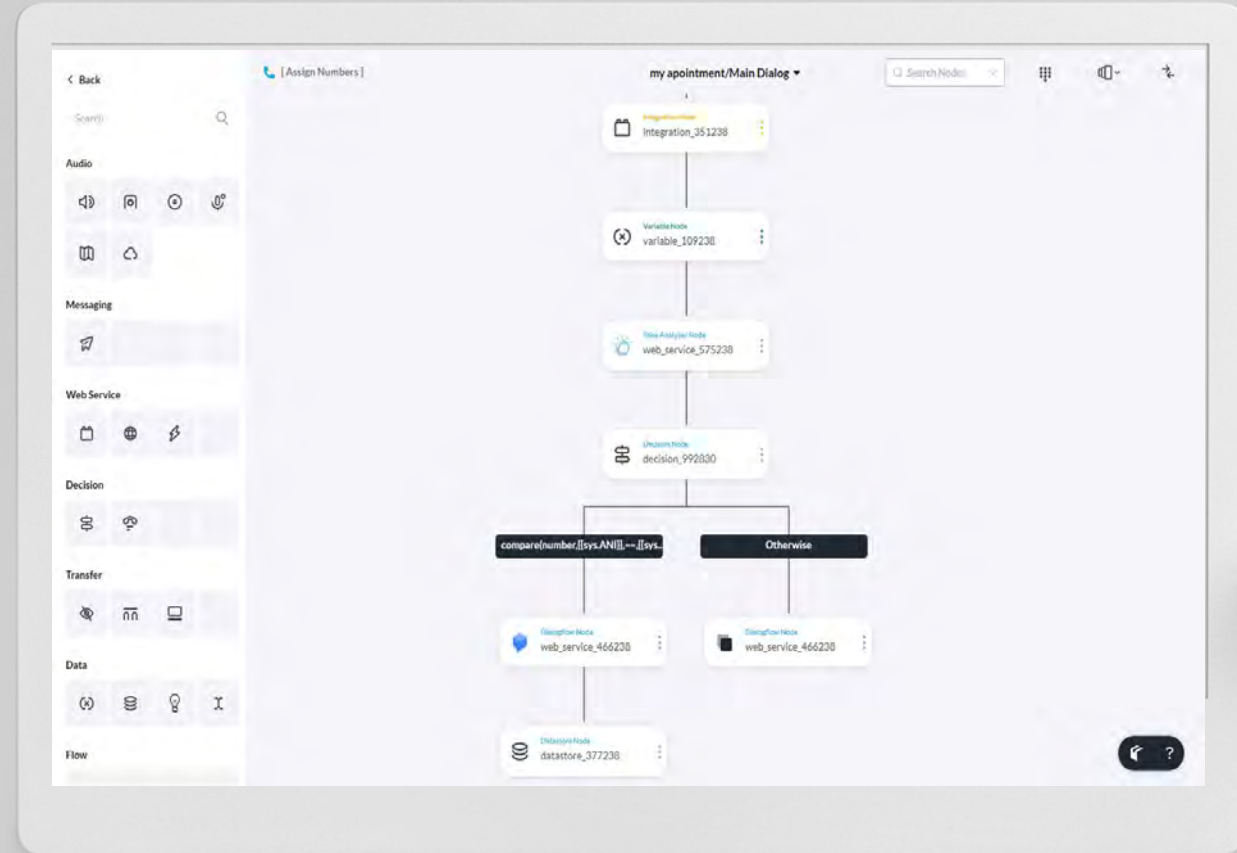
- Help address "cold start" by analyzing your recordings
- Reduce training costs by allowing non-AI experts to train/label AI
- Reduce management costs - agent feedback loops help you know when the AI needs updating

Available today

In Beta with Customers

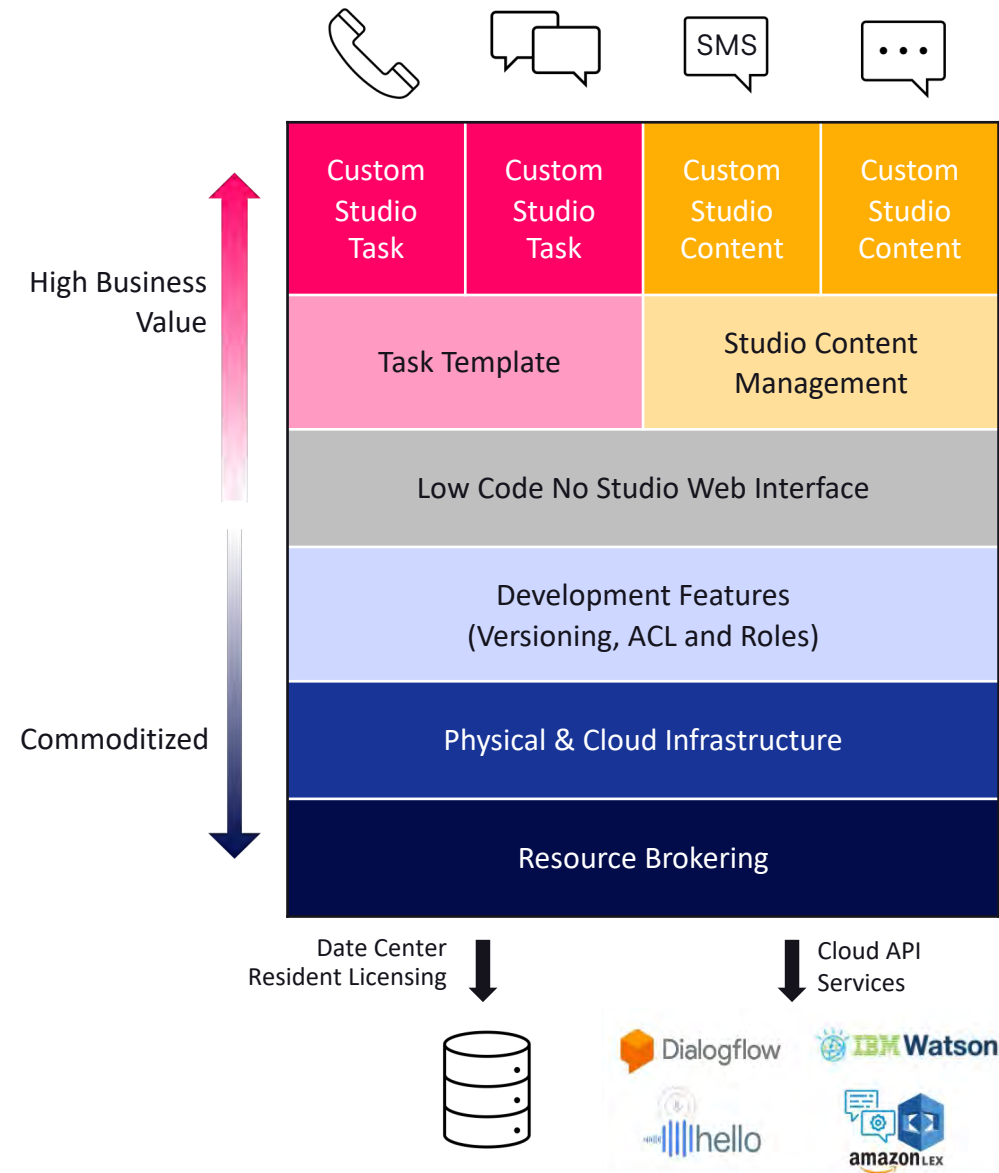
Five9 Studio 7

- Drag-and-Drop, no-code / low-code, service creation environment
- Multi-award winning
- More deployments than virtually anyone else (800+)
- Available to Five9 customers at varying price points
- Available globally



Focusing on value

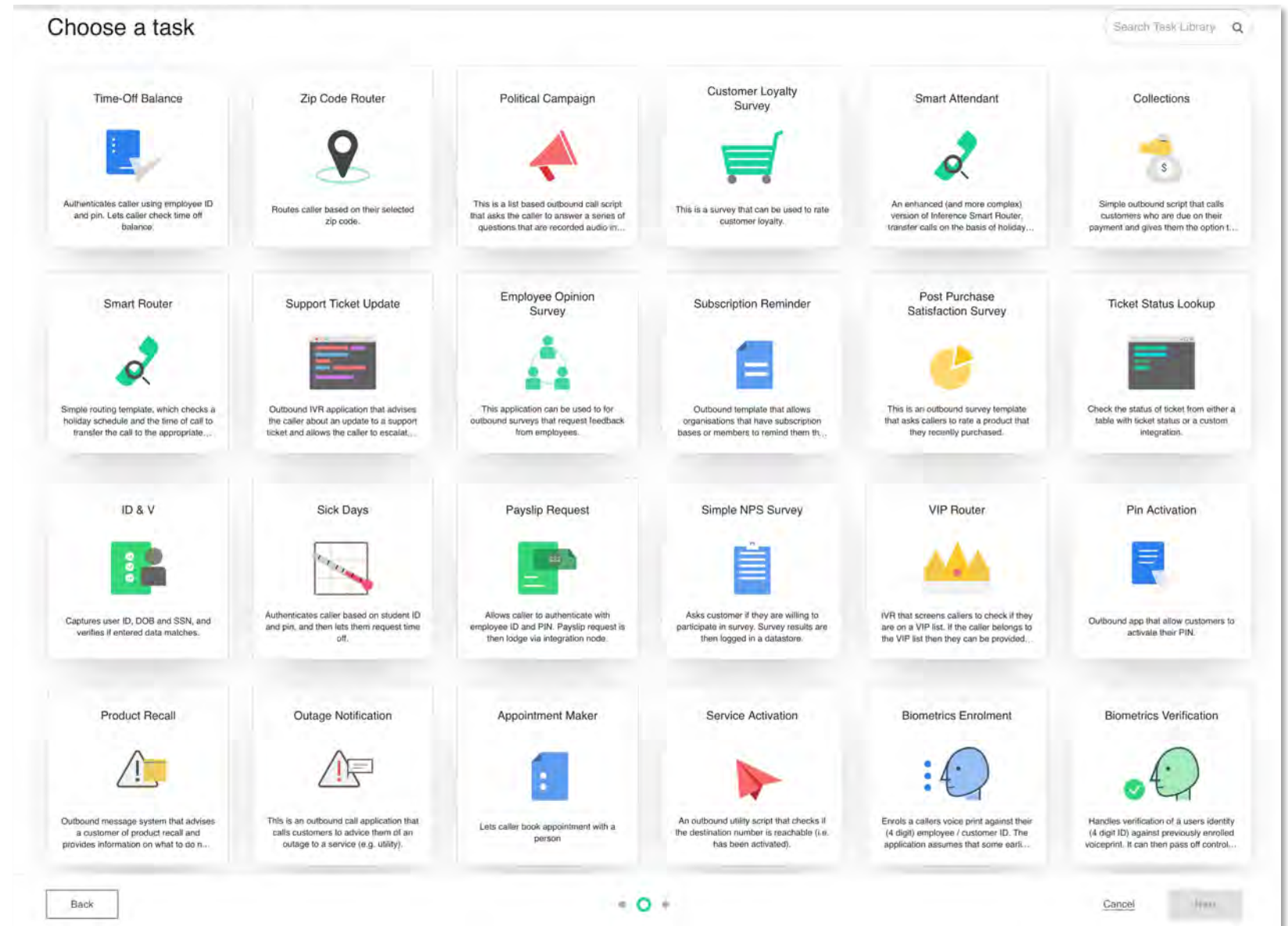
- Five9 focuses on adding business value to our customers
- We leverage core engine technologies from a variety of providers
- Core engines are fast becoming commodity API's in the areas of Speech Recognition, Text-to-Speech and Natural Language Processing
- Studio provides choice across a number of engine providers
- We convert a variable API consumption cost into our fixed price IVA-per month pricing model



Ease of Task Development & Fulfillment

Five9 Inference Studio

- **Easy to develop** applications for touch tone IVR, directed dialog and NLP using no-code drag-and-drop UI
- **Largest library of pre-built tasks and vertical solutions**
- **Access to best of breed** speech-to-text engines
- **Access to the best TTS voices and widest variety of languages**
- **Ease of fulfillment** with nodes that connect to CRM and external systems of record
- **Integrated testing**



How does Five9 sell Studio IVAs?

SKU	STT	TTS	NLP	Biometrics	Notes
Five9 Silver IVA	✓	✓			Speech-to-text and TTS. Used to build directed dialog applications
Five9 Gold IVA	✓	✓	✓		Uses NLP to allow open ended questions like "How can I help you."
Five9 Platinum IVA	✓	✓	✓	✓	Also includes the ability to authenticate caller using voice print.

Extending our leadership position in key areas

EASY TO IMPLEMENT



- You don't need a developer
- You don't have to start from scratch
- Future proof
- Easier fulfillment
- Reduced testing time

ACCESSIBLE TO PARTNERS



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Available today

EASY TO TRAIN AND MAINTAIN



- Help address "cold start" by analyzing your recordings
- Reduce training costs by allowing non-AI experts to train/label AI
- Reduce management costs - agent feedback loops help you know when the AI needs updating

In Beta with Customers

What do we mean by a 'Conversation Architect'?

Where should I start?

How do I know how things are going?

What are customers saying to me
that I am unable to understand?

And am I responding in the
correct manner?

What do we mean by a 'Conversation Architect'?

- These problems are common to all implementations.
- We are best placed to help customers resolve these
- We are the aggregation point for customer contact information

Where should I start?

How do I know how things are going?

What are customers saying to me that I am unable to understand?

And am I responding in the correct manner?



AGENT

CUSTOMER

IMPORT PHRASES

phrases_with_Clusters.json

0 Selected

SHOW SELECTED

Search phrases



"use that SIM card inside the phone you have"

remove sim card (19) ^

☐ "okay I will request you to just turn on the turn off the phone remove the battery remove the SIM card and try to remove the SIM card from slot one and insert and try it into another slot okay put back the battery and turn turn on the battery once again turn on the phone once again"☐ "orange you can remove the SIM card from the phone"☐ "you saw the thing is that she it has to be a GSM unlocked network phone so that's reason she's not able to use it so please ask her to call the provider and ask them to unlock the device fir so once it is unlocked then she can put the device put the SIM card in it and then she can use it"☐ "so if you have any extra phone at a place you can use the SIM card with your own device"☐ "okay there's only one sword okay so just to remove the SIM card and insert the SIM card once again properly"☐ "you need to call them up and you need to unlock it"☐ "no see the phone pin number is a phone security you can remove it"☐ "and you can use the services with truconnect means our SIM card is compatible with any phone which is Network unlocked"

Categories & Intents

Other / No Category (0)



Agent Compliance Statements (0)



Agent Upsells (0)



Agent Reminders (0)



Agent Questions (0)



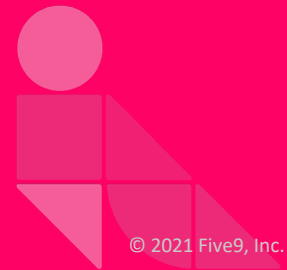
Call Resolution (0)



Agent Suggestions (0)



A quick look at Five9 Studio 7



Mission

Transform how businesses engage with their customers and deliver that brief moment of delight when your customer discovers that their problem has been effortlessly resolved.

How

Embed AI, you need to make every interaction context aware, and you need to make it persistent. At Five9 we call this extending your contact center with a digital workforce.

Go-to-market Momentum

Dan Burkland, President

Go-to-market Momentum

Larger Customers

Winning up-market



Partner Expansion

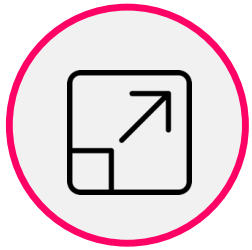
Better together



International Growth

Expanding global footprint

Platform purpose-built to serve larger customers



Scalable



Reliable



Secure



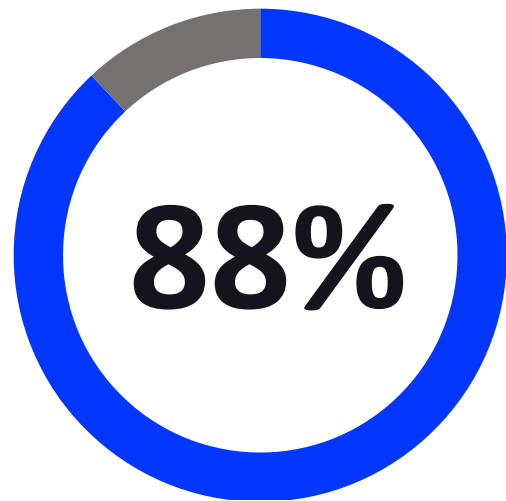
Innovative

Segmentation unlocking access to larger customers

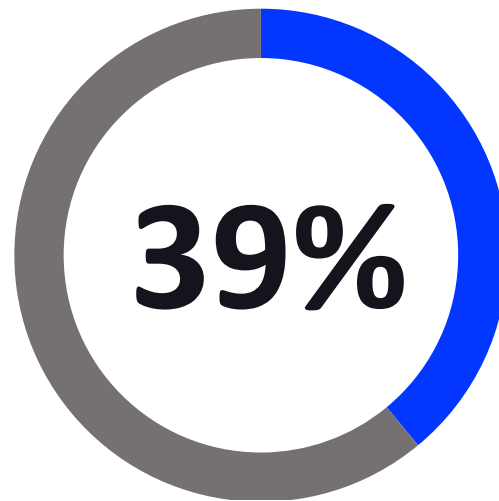


AI & Automation gaining traction with larger customers

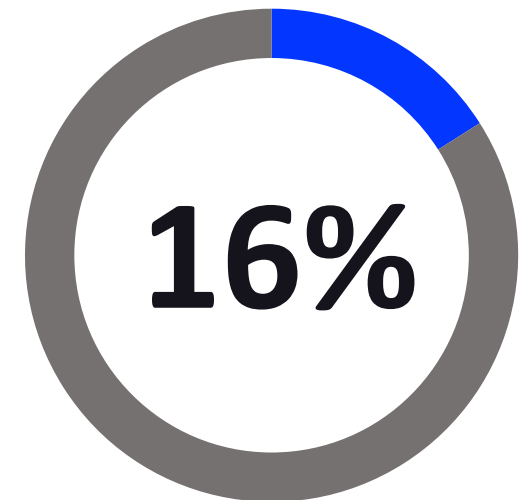
AI & Automation Attach Rates in New Enterprise Deals (Q3'21 LTM)



Strategic



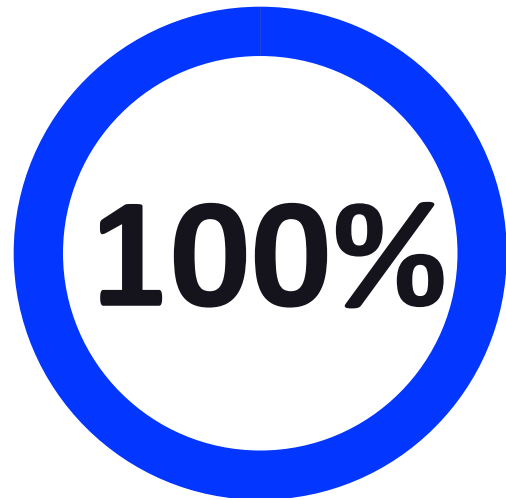
Enterprise



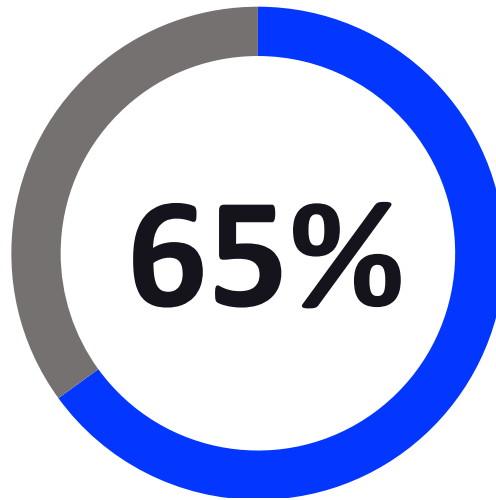
Mid-Market

WFO is critical to Enterprise customers

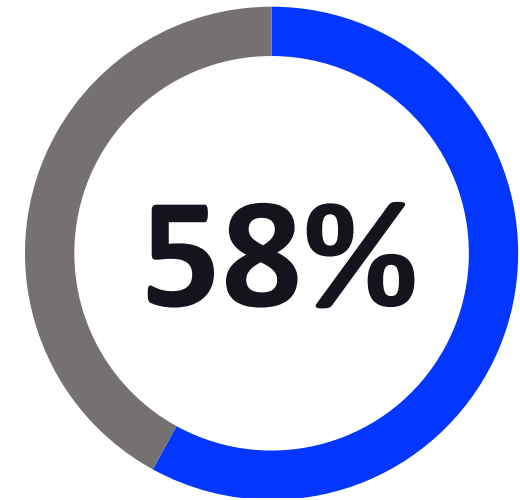
WFO Attach Rates in New Enterprise Deals (Q3'21 LTM)



Strategic



Enterprise



Mid-Market

Comprehensive implementation lifecycle



INITIATION



DEFINITION



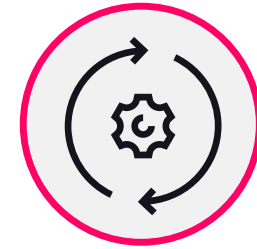
CONFIGURATION



DEPLOYMENT



ADOPTION



OPTIMIZATION

300+

PS Professionals
(Global)

9+

Average Experience
(Years)

~70%

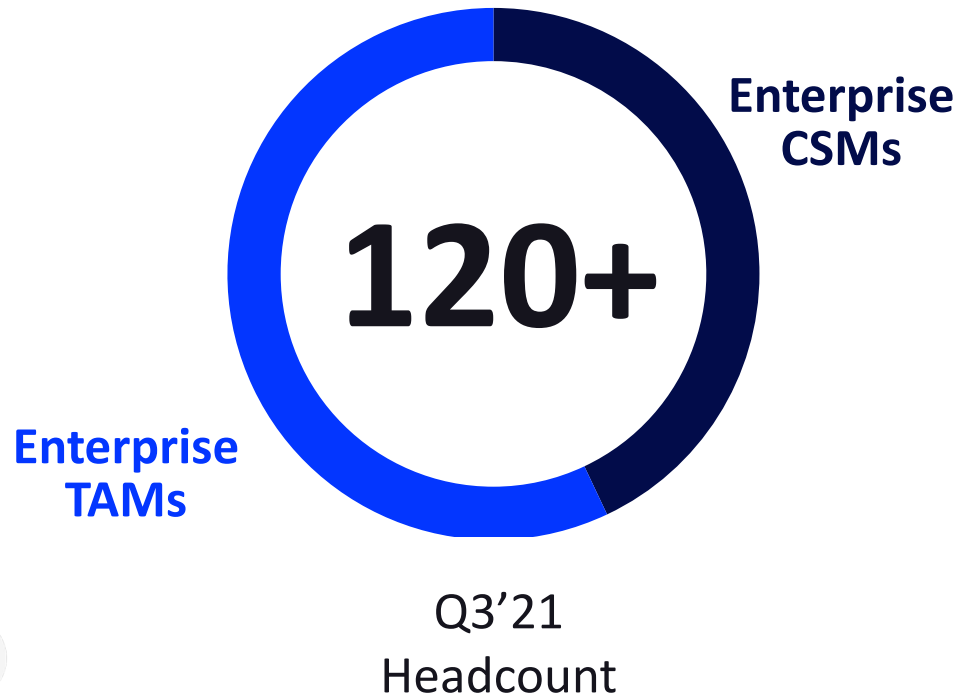
Headcount Growth
(Since Q3'19)

90+

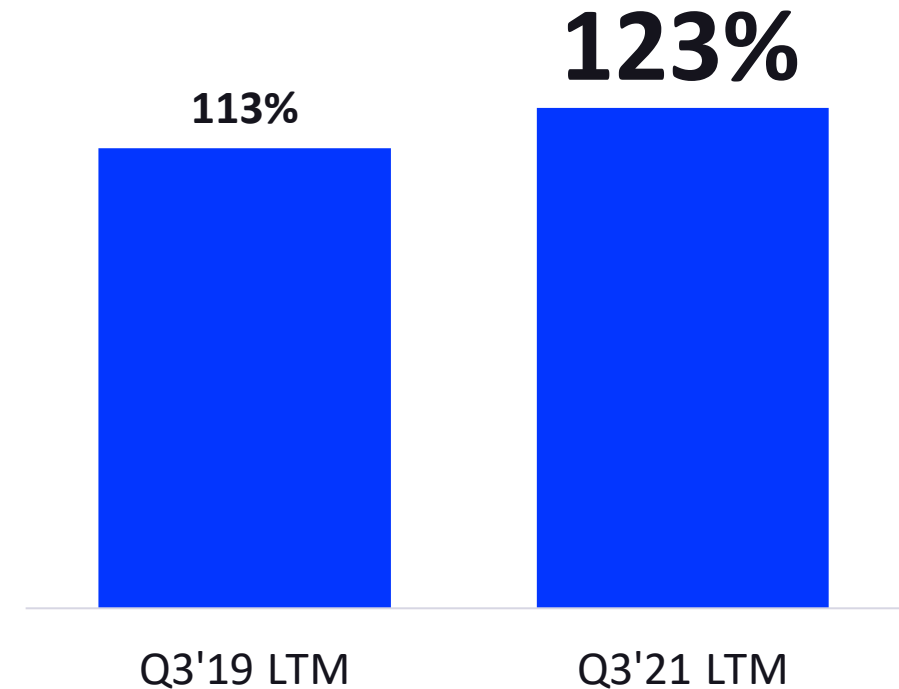
NPS
(40+ avg, 70+ top)

High-touch support driving strong expansion

High-touch Professionals



Dollar-based Retention Rate



Go-to-market Momentum

Larger Customers

Winning up-market



Partner Expansion

Better together



International Growth

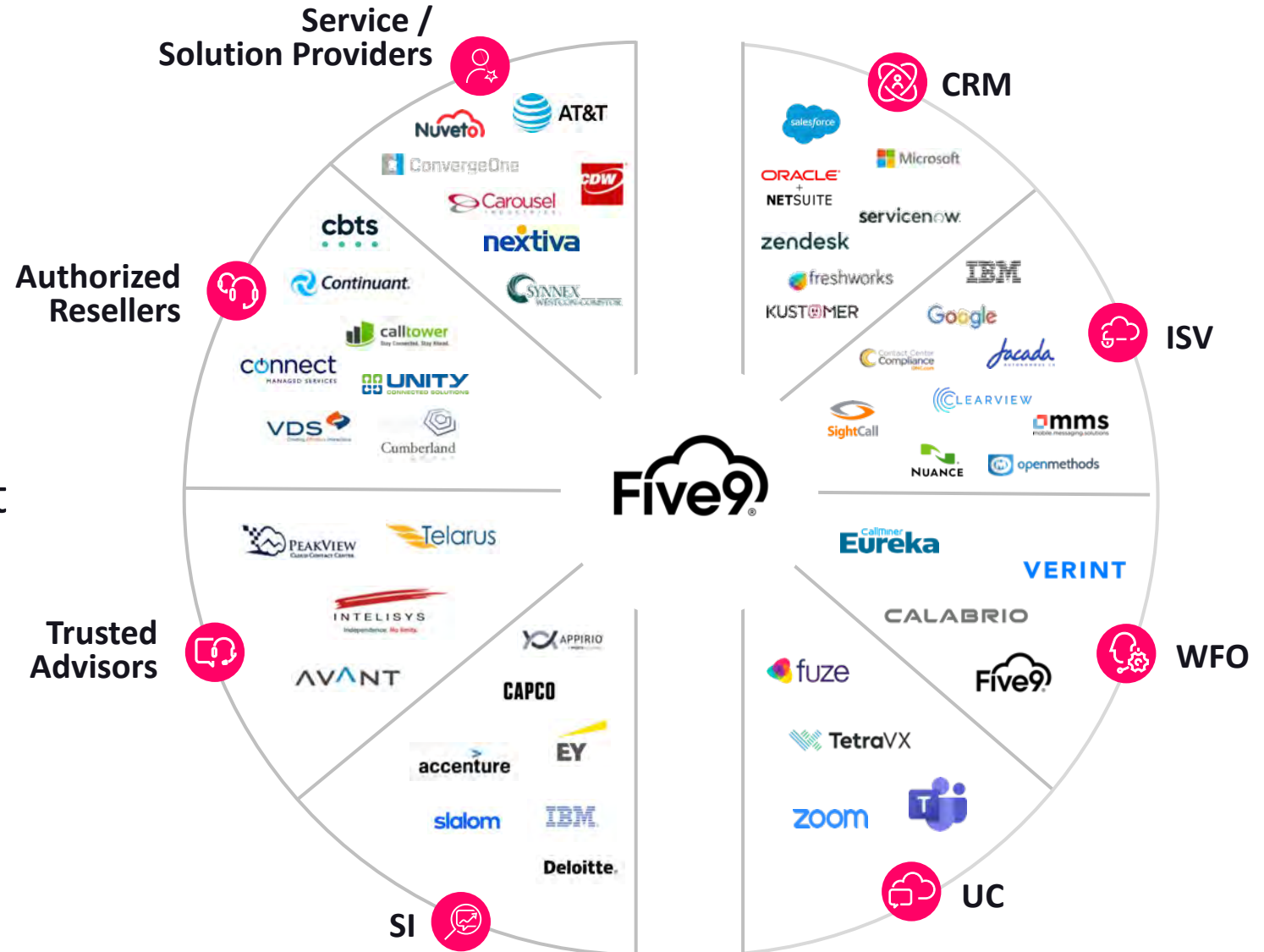
Expanding global footprint

Robust and expanding partner ecosystem

Deep integrations across the ecosystem

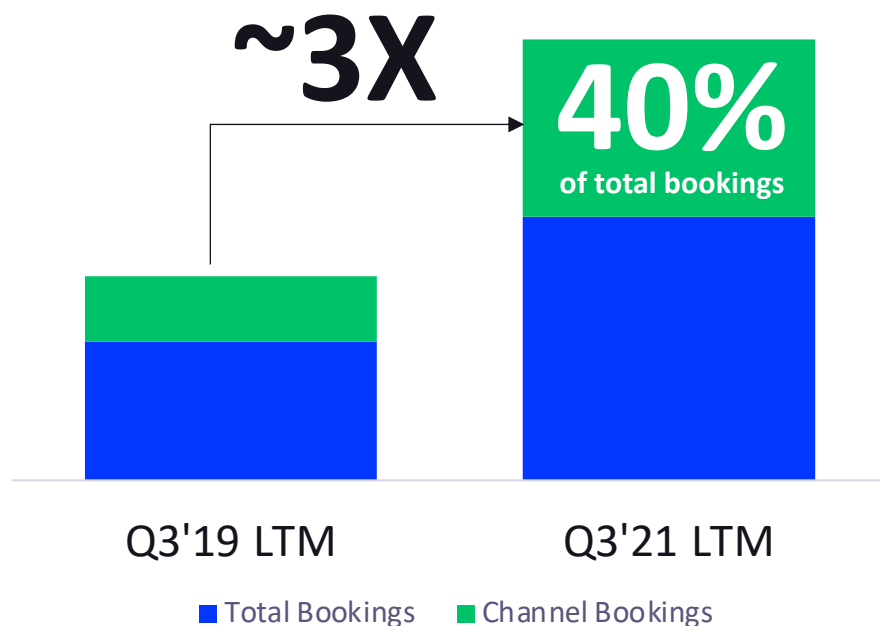
Joint go-to-market and development initiatives with key partners

Expanding domestic and international routes to market

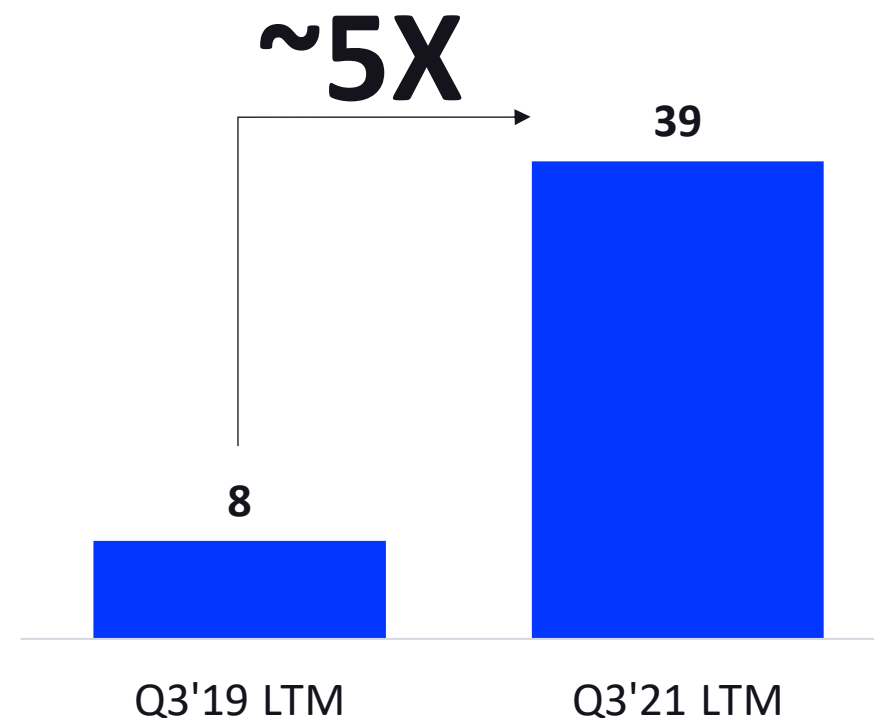


Channel is continuing to scale

Channel Bookings



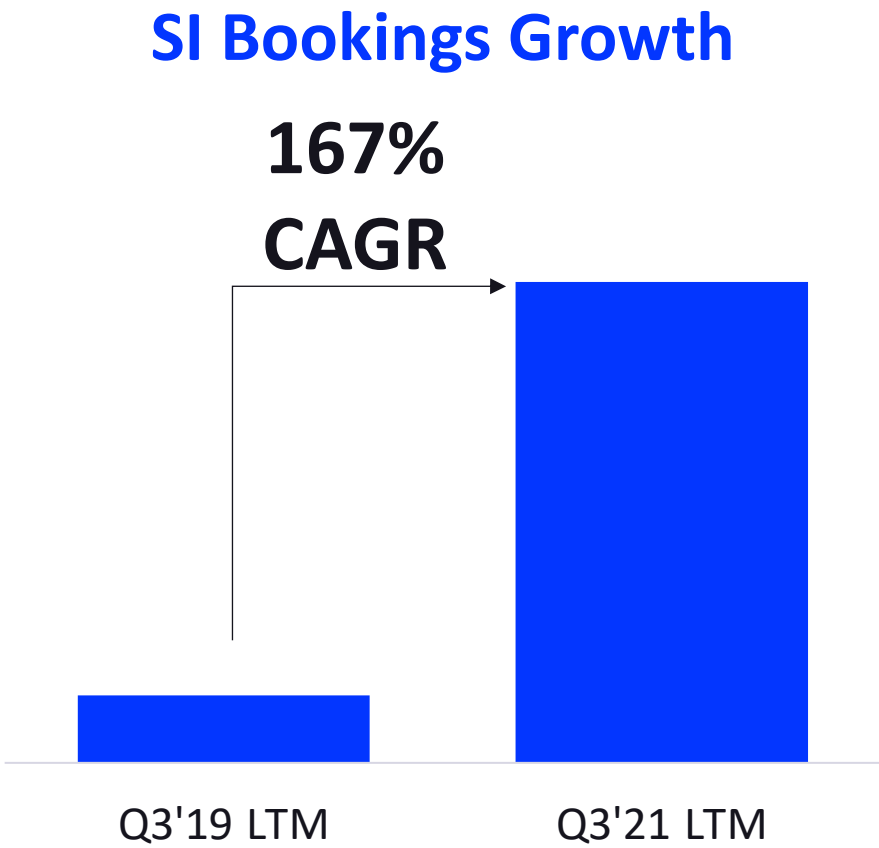
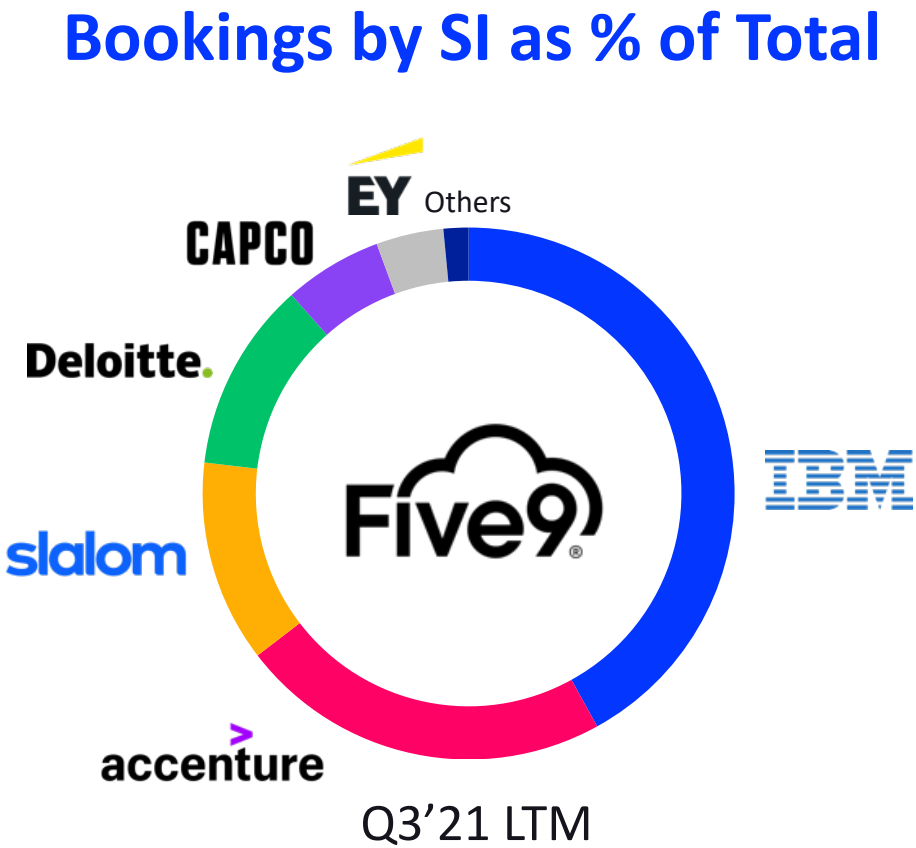
of Partners with \$1M+ ARR Bookings



Headcount growth of 3X in 2 years

Investing in partner enablement, partner portal, CX marketplace and Five9 University

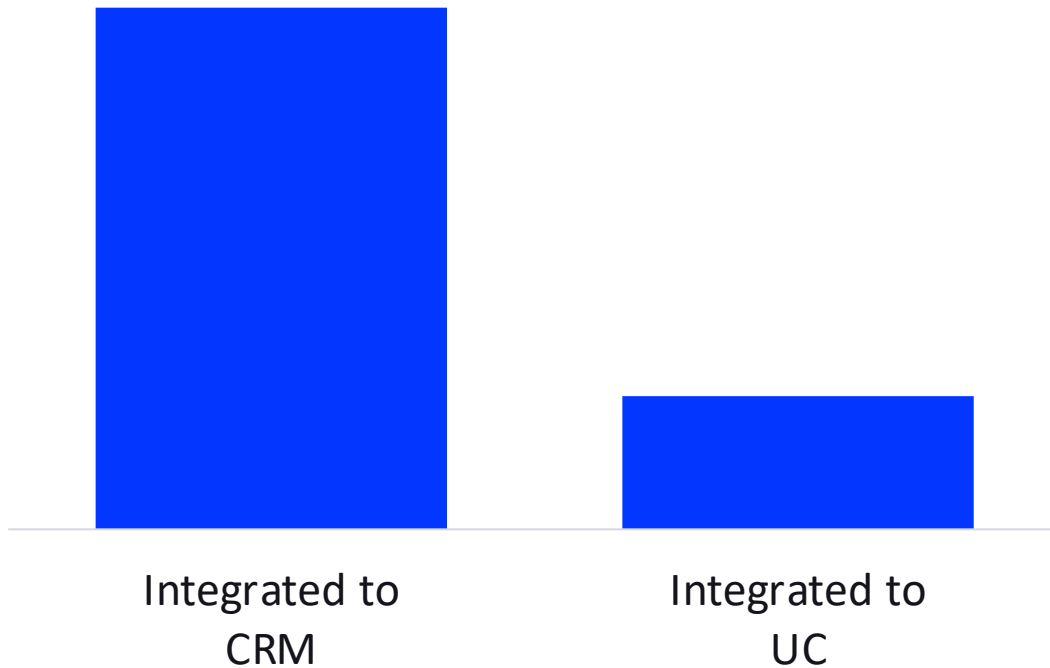
SI partnerships are expanding



Investing in vertical consultation, content and services enablement

CRM is the primary integration point with CC

ACV Bookings (Q3'21 LTM)



CRM continues to be the primary integration point

~90% of Enterprise new deals are sold to line-of-business buyers, mostly integrating with cloud CRM solutions

CRM and CC expected to continue to be the cornerstones of customer experience

Go-to-market Momentum

Larger Customers

Winning up-market



Partner Expansion

Better together

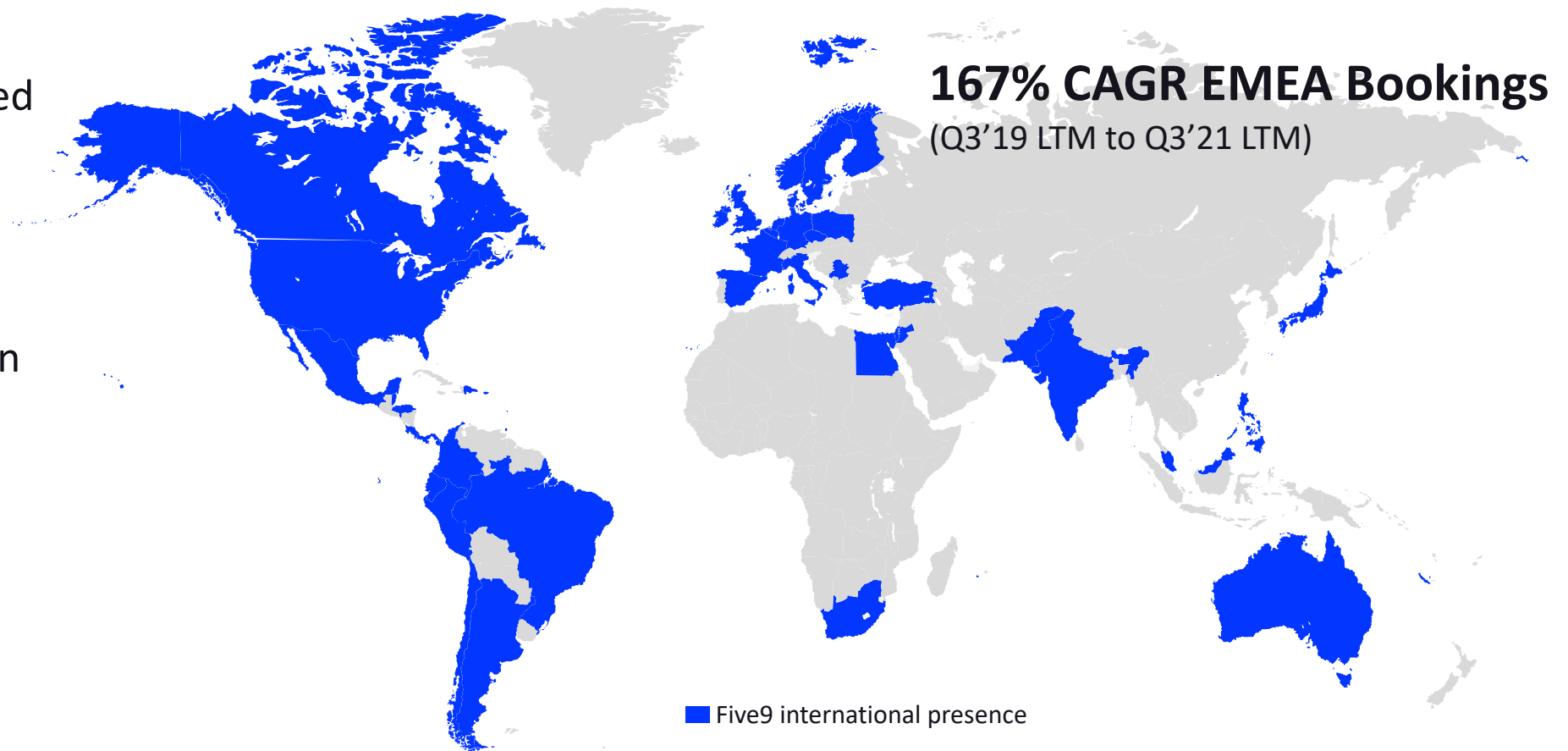


International Growth

Expanding global footprint

International expansion gaining momentum

- Large, underpenetrated international opportunity
- Continue to make focused investments in Western Europe and LATAM
- Selectively invest in additional priority markets



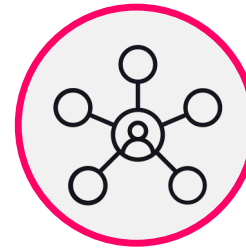
Building blocks driving go-to-market momentum



**\$1M+ ARR
Customers**



**High-touch
Support**



**Partner
Expansion**



**International
Growth**



Five9 Financial Analyst Day 2021 Intermission



The Intelligent Cloud Contact Center

Customer Panel

Dan Burkland, President

Customer Panel



Andrea Brown

Senior Director of Workforce and
Program Management



Emily Kenning

Vice President Demand Planning
and Customer Fulfillment

StanleyBlack&Decker



Brian Powers

Chief Experience Officer

likewise.



Building Blocks of Growth

Barry Zwarenstein, CFO

Building Blocks of Growth

Durable Growth

30%+ LTM Enterprise
Subscription Growth



Balanced Approach

Disciplined Execution



Long-Term Model

New Horizon

Building blocks of durable 30%+ Enterprise subscription growth



**\$1M+ ARR
Customers**



**Existing Customer
Expansion**



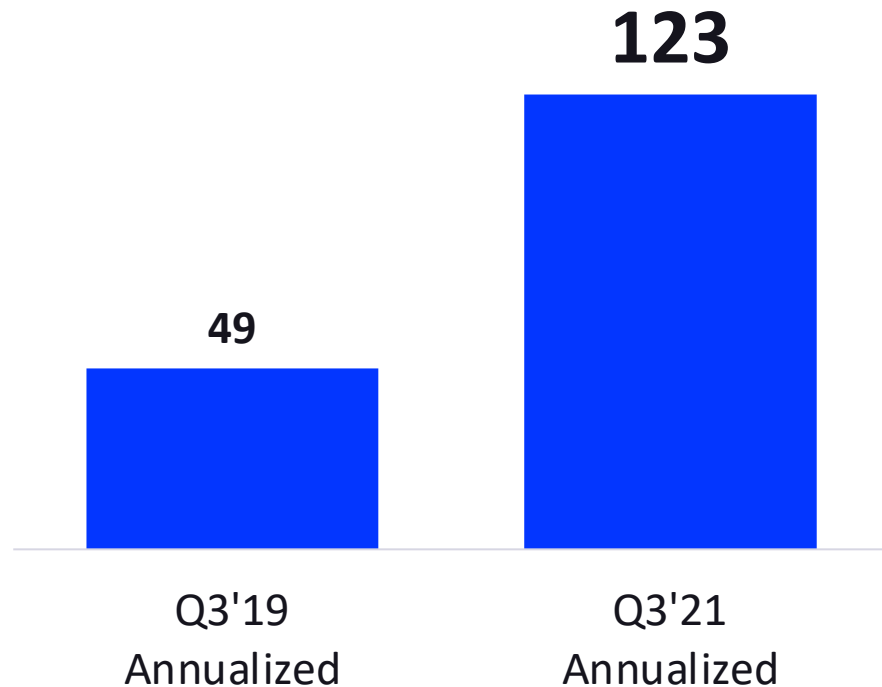
**International
Growth**



**AI & Automation
Momentum**

\$1M+ ARR customers are the fastest growing category

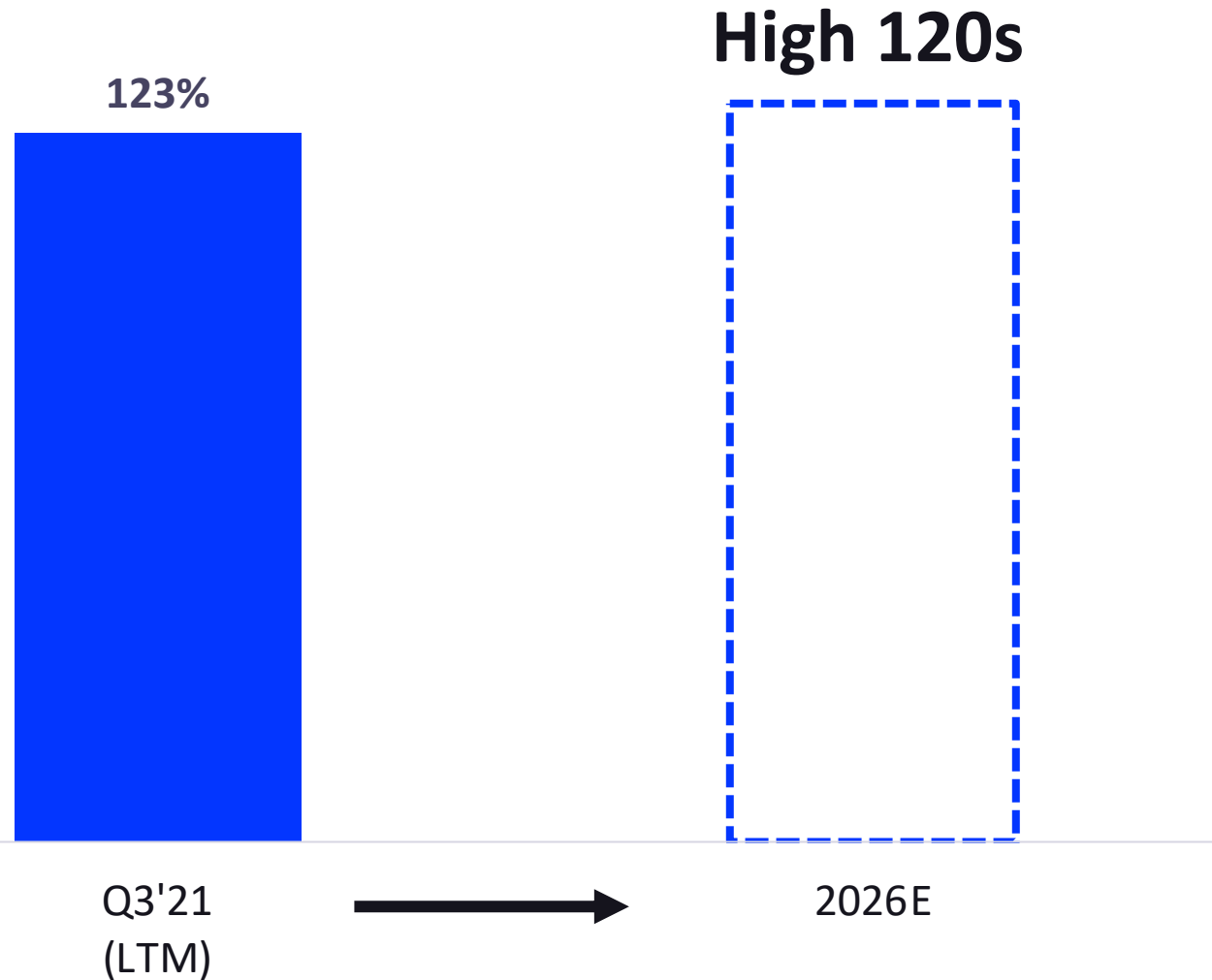
of \$1M+ ARR Customers



\$1M+ ARR customers have been growing at an average CAGR of

87% since inception,
up from 67% in Q3'19

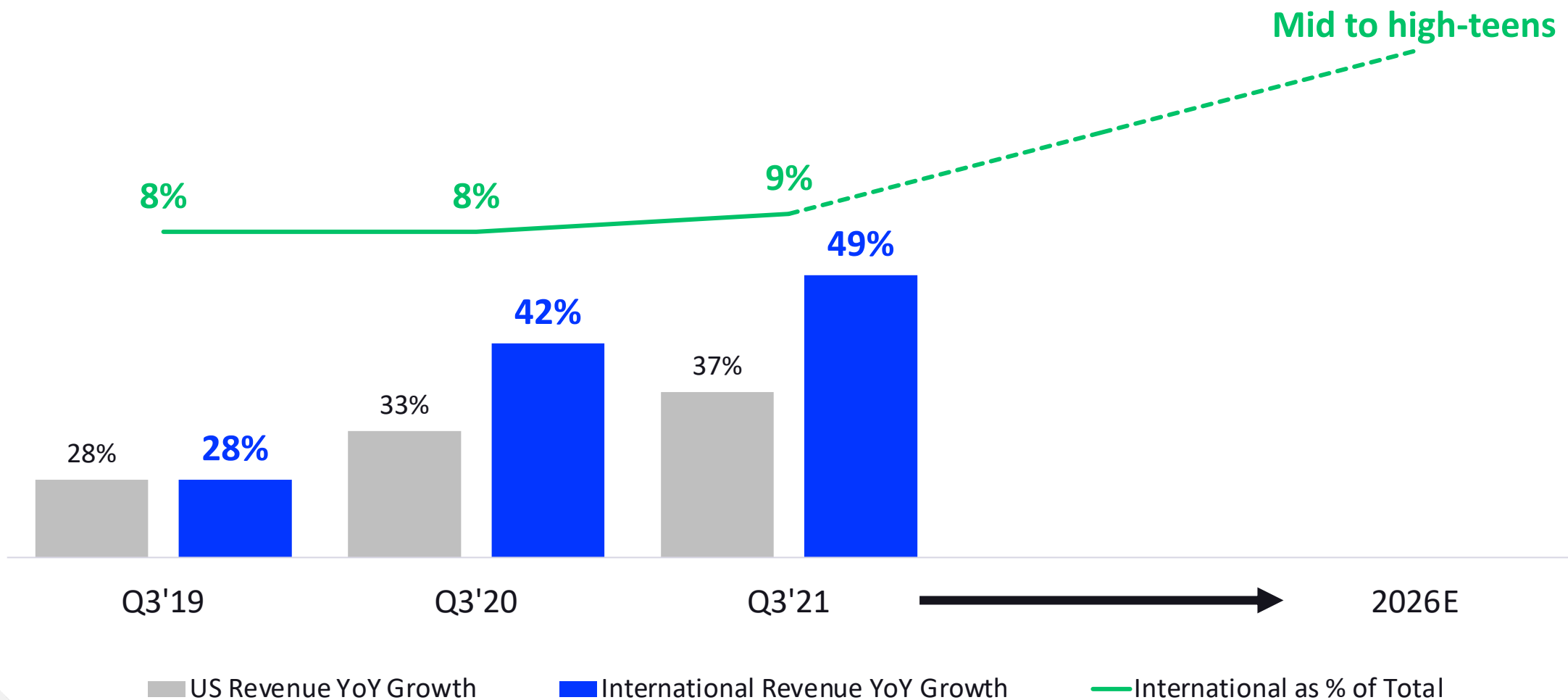
LTM DBRR expected to increase longer term



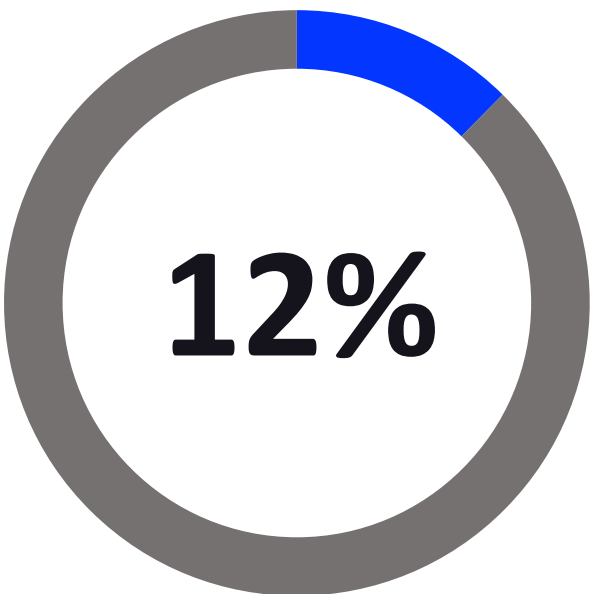
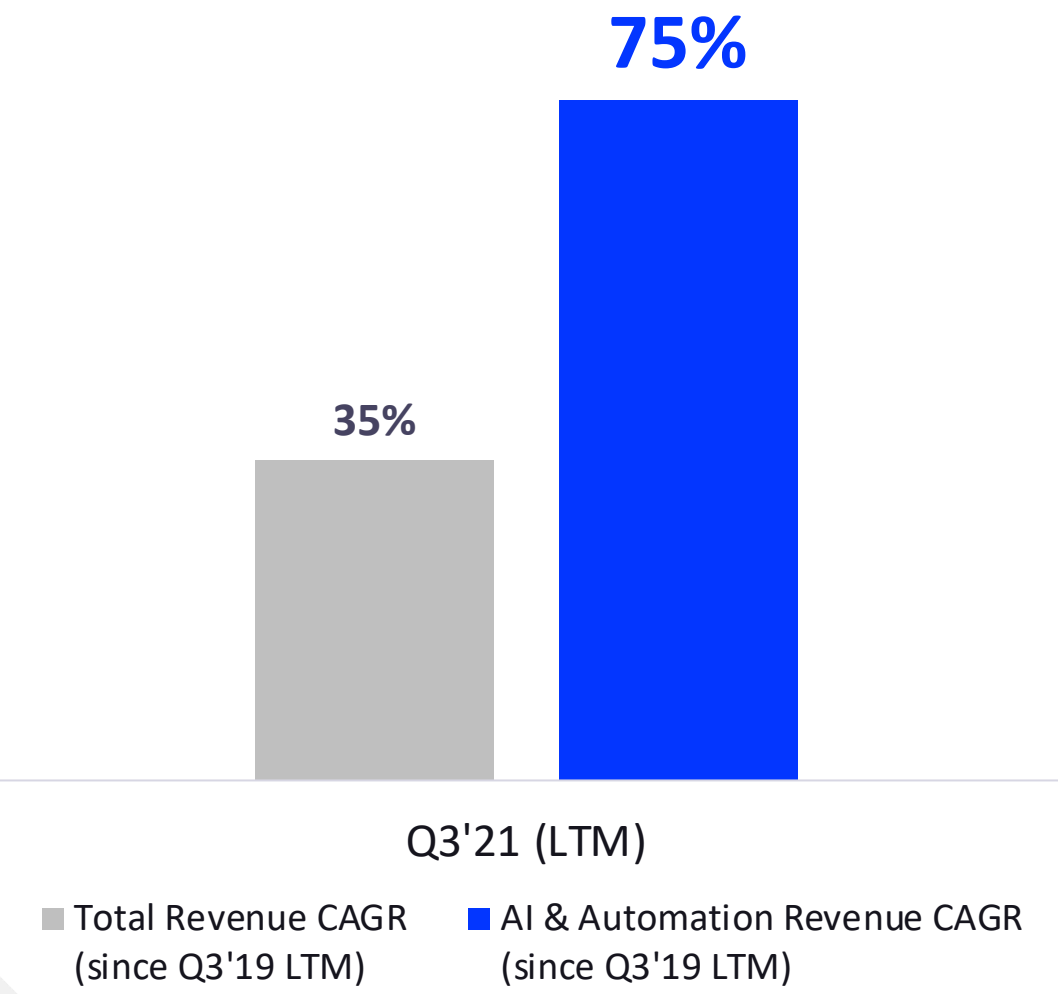
Key Drivers

- \$1M+ ARR customer growth
- ARPU increase
- Mix shift to Enterprise

International starting to outpace US growth



AI & Automation gaining significant momentum



AI & Automation
as % of Total Revenue
Q3'21 (LTM)

Building Blocks of Growth

Durable Growth

30%+ LTM Enterprise
Subscription Growth



Balanced Approach

Disciplined Execution



Long-Term Model

New Horizon

We do what we say

Consistent 30%+ LTM ENT subscription revenue growth

Sequential **growth every quarter**¹

Enterprise **60%** at IPO to **84%** of LTM revenue

LTM DBRR **100%** at IPO to **123%**

Gross margin 51% at IPO to 64%

Best-in-class **sales efficiency**

28 consecutive quarters of G&A leverage

LTM operating cash flow **(\$26M)** at IPO to **\$40M**

Consistent **beat and raise**

Balanced growth **consistently exceeding “Rule of 40”**

\$1M+ ARR customers **3** at IPO to **123**

Channel **0%** at IPO to **40%** of bookings

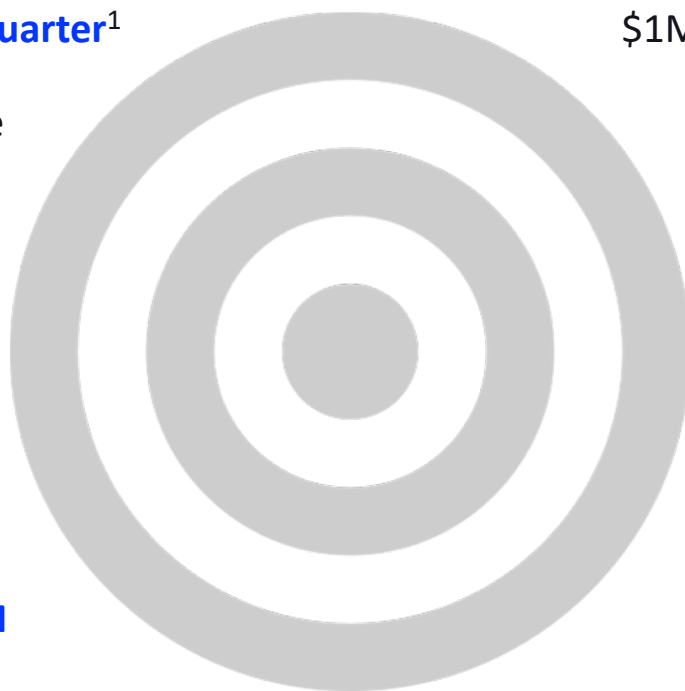
International revenue growth of **1%** in Q3'14 vs. **49%** in Q3'21

88% AI attach rate for Strategic accounts

Microservices architecture

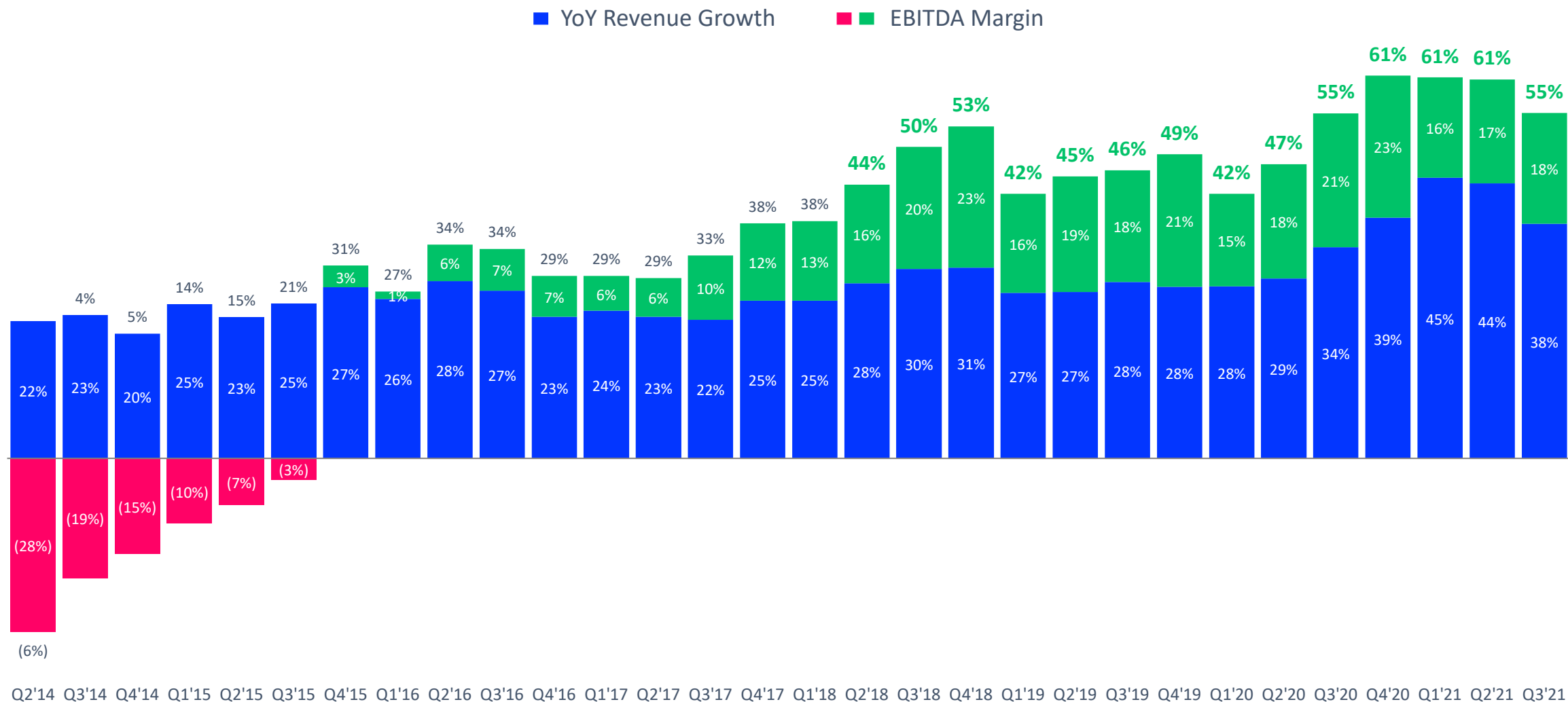
Maintained annual **guidance through COVID**

Long-Term target at IPO **achieved 1 year early**



¹ Sequential growth was flat in Q2'15

Exceeding “Rule of 40” despite increased investments



Building Blocks of Growth

Durable Growth

30%+ LTM Enterprise
Subscription Growth



Balanced Approach

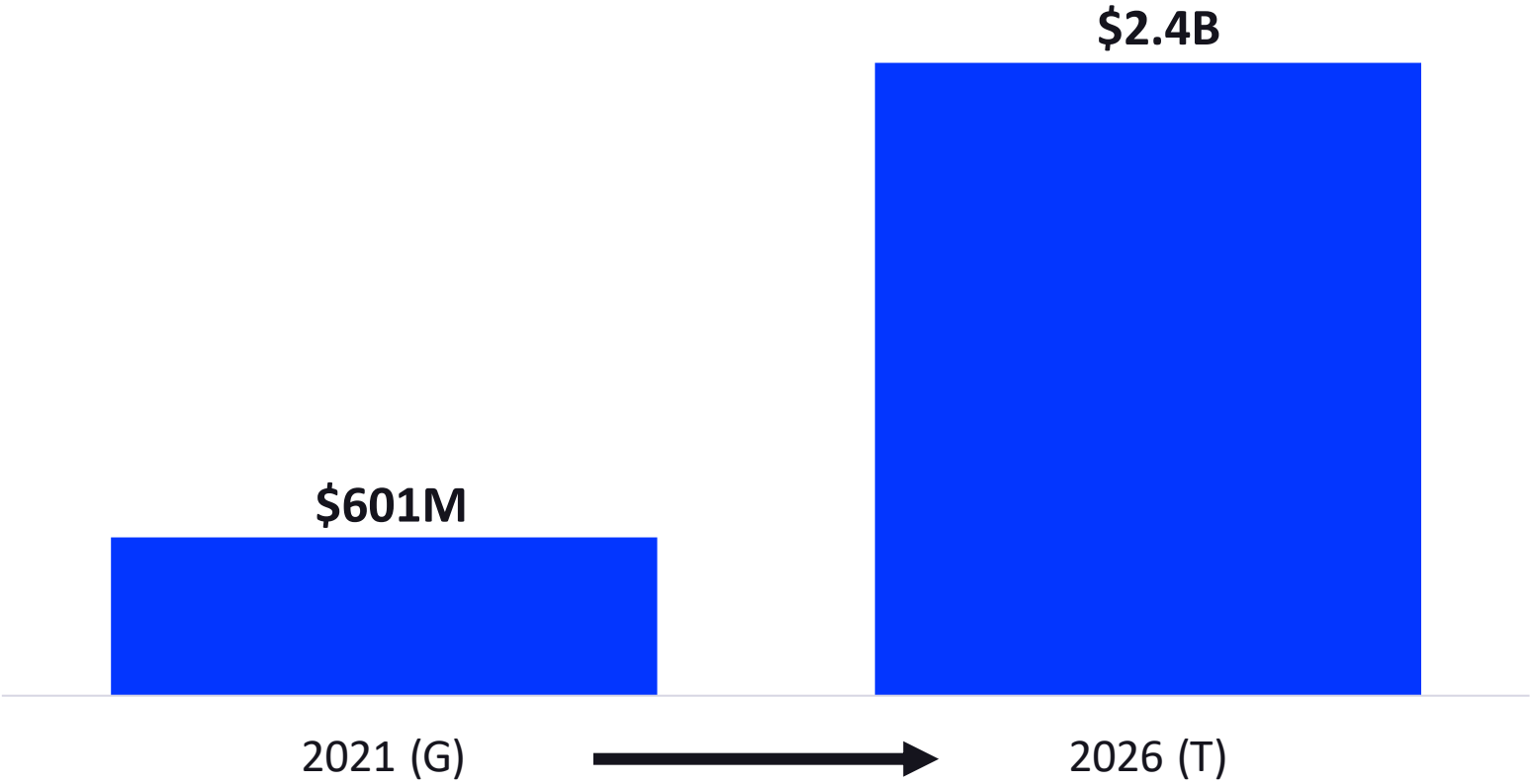
Disciplined Execution



Long-Term Model

New Horizon

Path to \$2.4B revenue in 2026



Enterprise Subscription Growth	51% ¹	Durable 30s
Dollar-based Retention Rate	123% ¹	High 120s
International as % of Revenue	9% ²	Mid to high-teens

¹ As of LTM Q3'21; ² As of Q3'21



Subscription is key driver of gross margin expansion

Gross Margin	Today	2026	Key Drivers
Subscription	Low to mid-70s	~80%	Scale against fixed and semi-fixed costs
Usage	High 50s	High 50s	Continued execution
Professional Services	Near breakeven	High single digits	Scale against fixed and semi-fixed costs Leveraging the channel
Total	64%	70%+	Primarily driven by subscription

Long-term model

Non-GAAP

	IPO Year 2014	Today 2020	Today Q3'21 (LTM)		Long-term Model 2026
Revenue	\$103M	\$435M	\$564M	Continued durable growth in Enterprise subscription	\$2.4B
Adj. Gross Margin	53%	65%	64%	Subscription margin expansion and increasing subscription mix	70%+
S&M (% of revenue)	35%	26%	26%	Continue to invest in GTM in line with revenue growth	26% - 30%
R&D (% of revenue)	19%	12%	12%	Continued investments in innovation	12% - 14%
G&A (% of revenue)	21%	8%	8%	Economies of scale	5% - 7%
Adj. EBITDA Margin	(22%)	20%	18%		23%+

Note: Non-GAAP metrics exclude depreciation, intangibles amortization, stock-based compensation and unusual transactions

Q&A