



**Adobe Summit**

**WEDNESDAY, MARCH 19 / 1:00PM**

# A Tax Transformation: How H&R Block and Adobe Martech Improved Engagement



**SAMEER AGARWAL**

Vice President of Technology -  
Enterprise Architecture and Platforms  
H&R Block



**JAS SINGH**

VP, AI Integrations & Emerging  
Technologies  
Merkle

## AGENDA

**Project Overview: H&R Block's Transformative Journey**

**Experience Enablement Capability: Partnership with Merkle and Adobe**

**HRB – Modernized Stack**

**Initial Use Cases: MVP and Expansion**

**Adaptive Experiences with AI: Moving Beyond Traditional Marketing**

**Key Takeaways - Summary of Key Points**

**Q/A**

# H&R Block Overview

- **Founded:** 1955 by Henry and Richard Bloch
- **Headquarters:** Kansas City, Missouri, USA
- **Industry:** Tax Preparation Services
- **Global Reach:** Over 10,000 retail tax offices worldwide
- **Tax Returns Prepared:** More than 950 million since inception
- **Employees:** Approximately 80,000 during tax season
- **Key Services:**
  - In-person tax preparation
  - Online tax filing
  - Small business services
  - Financial products (e.g., Spruce, Emerald Card)





# CX Pillars – The 4 E's



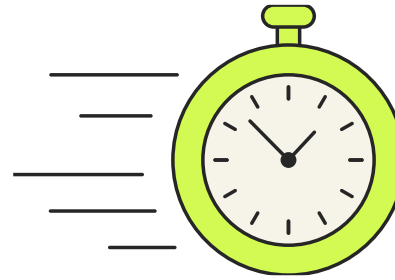
## Expertise

We provide our customers with data-driven insights, answer their questions, prepare their taxes accurately, and help them plan for the future, building trust in our expertise.



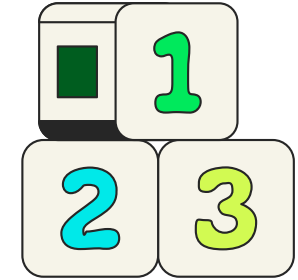
## Empathy

We craft a personalized service around each customer's preferences and needs to make them feel cared for.



## Expectations

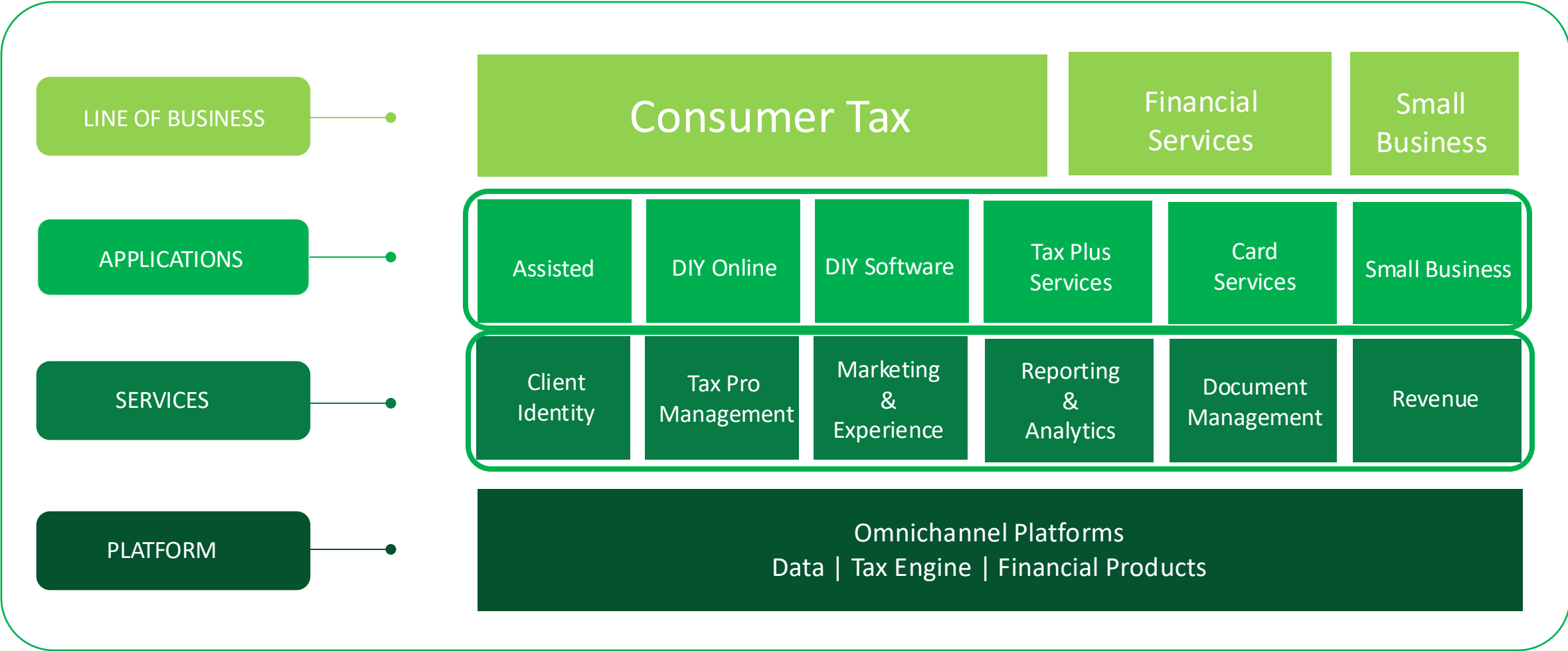
We set clear expectations for our customers in our process, timing, and pricing, increasing their confidence in our overall service delivery.



## Ease

We leverage our best-in-class digital tools and expert help to delight our customers with less work.

# HRB Transformative Journey



“ **Over the next ten years, great customer experiences will separate leading brands from the rest of the pack.**

As customer expectations continue to rise it's up to us, as leaders of brands and businesses, to rise to the challenge and prioritize customer-centricity.”



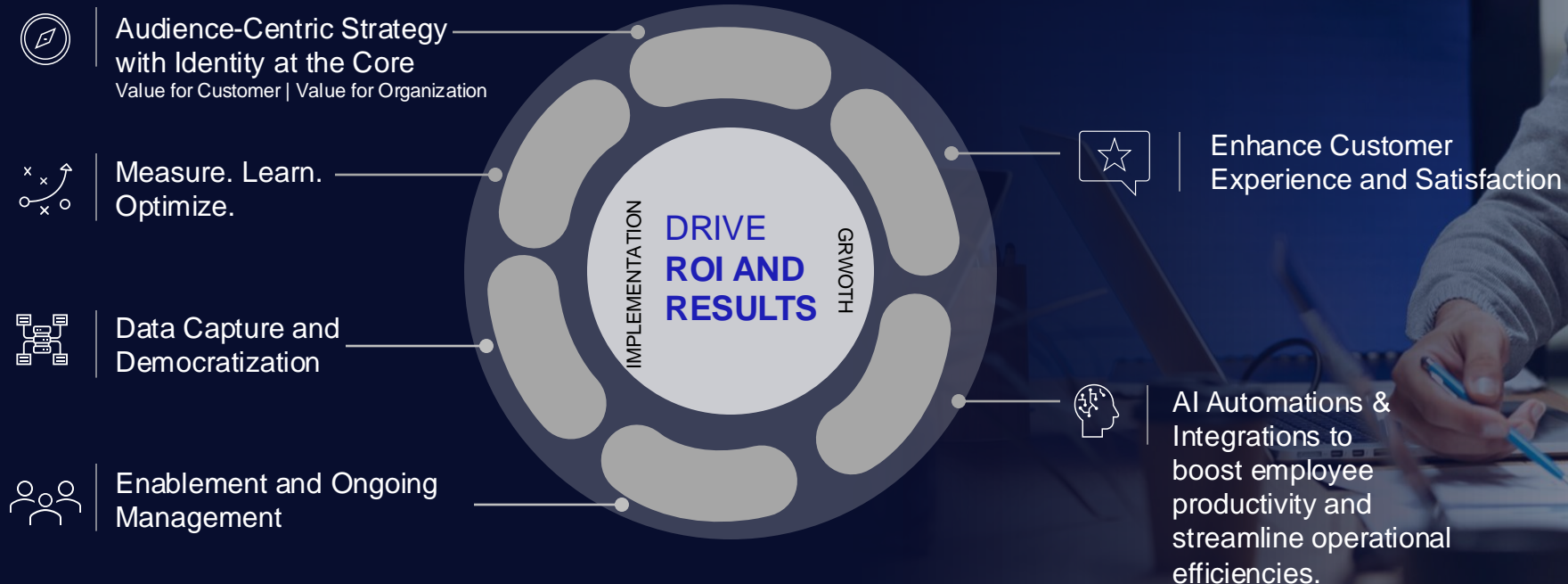
**Pete Stein**

President, Merkle  
Americas; Global President  
Merkle; Global Practice  
President - CXM

WHY MERKLE

# We don't just implement a CDP

We lead with audience strategy and person-based identity at the center of customer experiences to help brands activate more personal experiences that drive the business impact and value.



# Partnership with Merkle

## Adobe Health Check

1

### Learn & Discover

Understand the current state of technology, process, and business vision

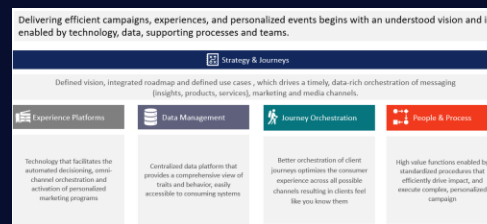


Interviews and Discussion Sessions with Key Stakeholders

2

### Assess & Strategize

Assess current State versus Future



Current State Process and Technology Evaluation, Findings, and Implications

3

### Health Check & Recommendations

Produce a Current State Health Check



Integrated Recommendations and Summary



# Our guiding principles create measurable success

Our methodology is practical and combines our collective capabilities across data, decision-making, people, process, and technology.

FAST  
START

Make it  
**WORK**

Make it  
**BETTER**

Make it  
**BIGGER**

LAY THE FOUNDATION



Use case  
launch



Feature  
expansion



Brand  
expansion



Channel  
expansion



## NORTH STAR

**Motivate clients to act  
with confidence along  
their personalized H&R**

**Block journey with  
expert care in any  
channel, at any time,  
before, during and after  
the tax experience**

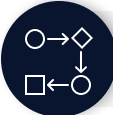




# Health Assessment



Adobe Health Assessment



Next Steps:



Health check on HRB current Adobe Stack and provide gap assessment

Platform Assessment Overview

Platform	Current Status	Key Recommendations
CDP	Platform selection and licensing are in progress. Integration with existing systems is being evaluated.	Finalize platform selection and licensing. Complete integration with existing systems.
Identity Resolution	Current solution is based on cookie-based platforms. Roadmap towards people-based platforms is being developed.	Solve for current dependence on cookie-based platforms. Develop roadmap towards people-based platforms.
Customer Journey Development	High priority journeys are being prioritized. Design of high priority journeys & tactics is in progress.	Prioritize high priority journeys. Design high priority journeys & tactics.
Martech Architecture Planning	Finalize critical data sources. Define integration point for enterprise identity. Design Azure-based martech architecture.	Finalize critical data sources. Define integration point for enterprise identity. Design Azure-based martech architecture.



1

MARKETING CDP  
(Orchestration & Digital marketing)

- Platform selection
- Licensing & contracts

CDP evaluation & recommendation



2

IDENTITY RESOLUTION

- Solve for current dependence on cookie-based platforms
- Roadmap towards people-based platforms

Provide Mercury Overview and POC



3

CUSTOMER JOURNEY DEVELOPMENT

- Prioritize high priority journeys
- Design high priority journeys & tactics

Journey Development Consulting



4

MARTECH ARCHITECTURE PLANNING

- Finalize critical data sources
- Define integration point for enterprise identity
- Design Azure-based martech architecture

Architecture Readiness and Recommendation

5

MARKETING CDP IMPLEMENTATION

CDP Implementation

# CDPs are Considered the Next Step for Marketing

## Challenges We Hear

- Getting identity right **across channels** and **platforms**
- Understanding and **enabling your customer data** across platforms
- **Orchestrating personal experiences** between online and offline

## Brands Talking About CDPs

99%

## Brands Actively Utilizing a Customer Data Platform

46%

Merkle 2021 Fall Customer Engagement Report

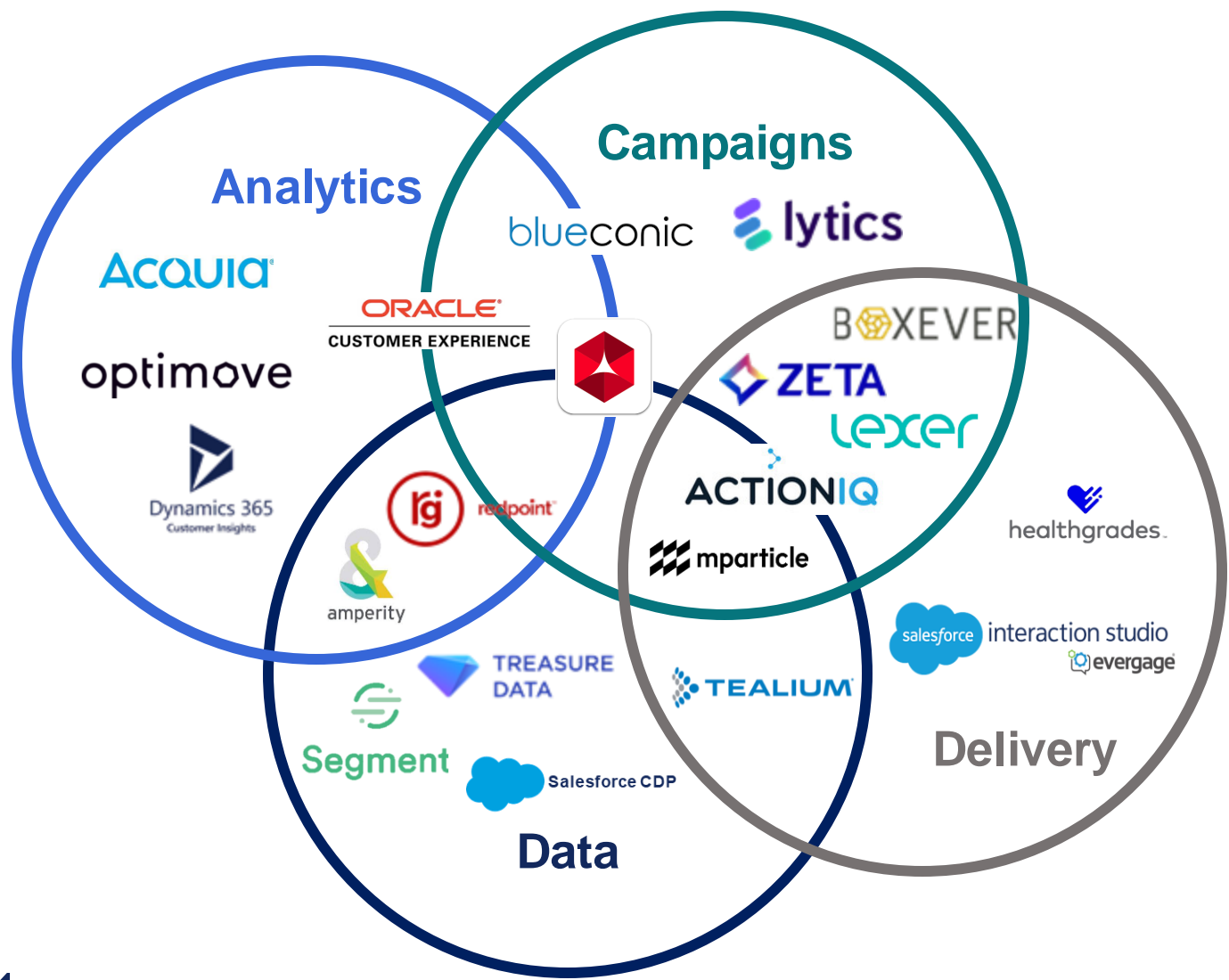
## Brands in the Market for a Customer Data Platform

53%

Merkle 2021 Fall Customer Engagement Report



# CDP Capabilities by Vendor



### DELIVERY

Data assembly, analytics, customer treatments, and message delivery. Delivery is typically through email, Web site, CRM, or several of these

### CAMPAIGNS

Treatments are personalized messages, outbound marketing campaigns, real time interactions, or product or content recommendations for individual users

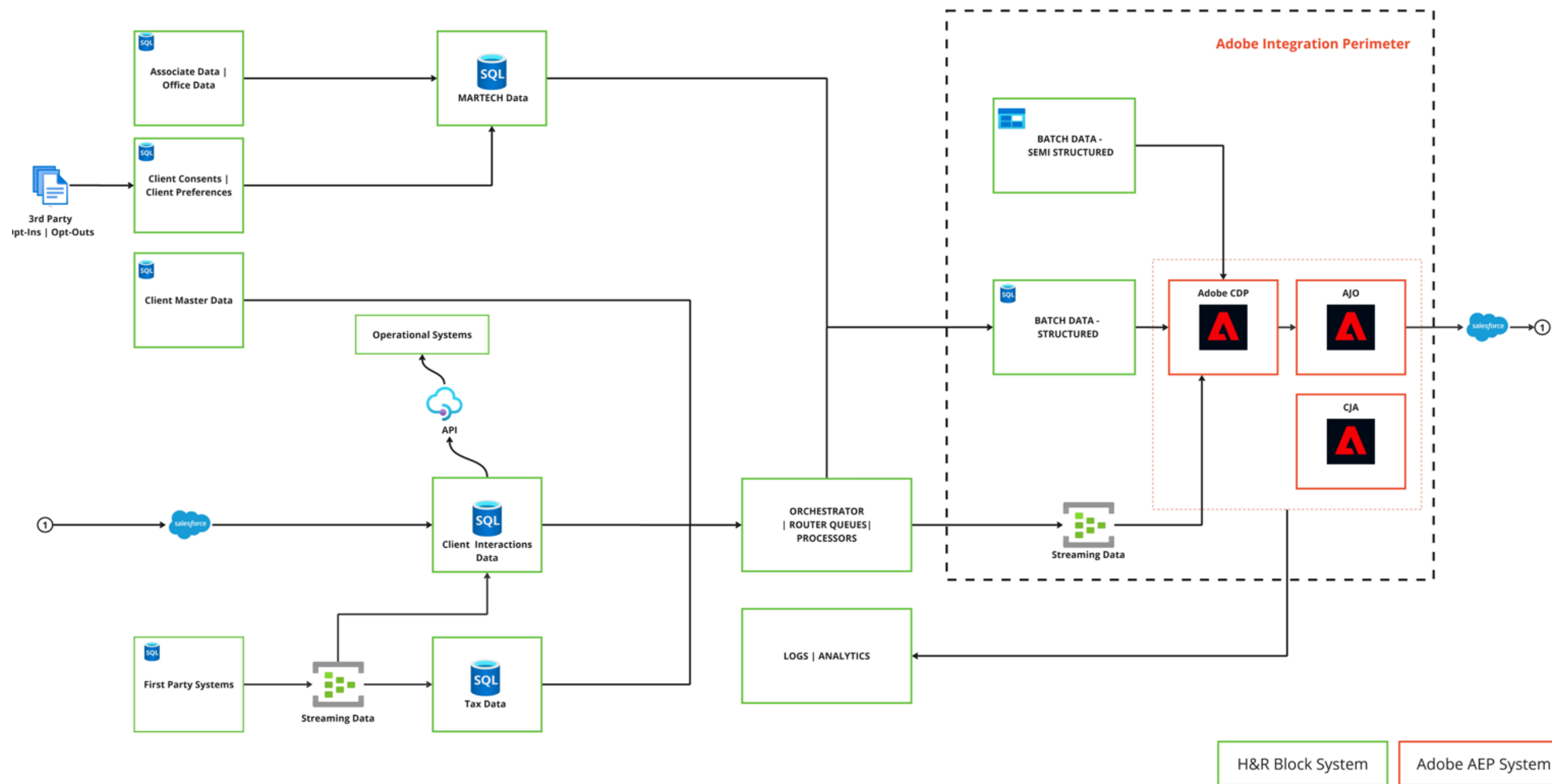
### ANALYTICS

Applications include customer segmentation and sometimes extend to machine learning, predictive modeling, revenue attribution, and journey mapping

### DATA

Gather customer data from source systems, link data to customer identities, and store results in a persistent database available to external systems.

# HRB Modernized Tech Stack



# HRB: Initial Use Cases and Expansion

## FROM

Transactional  
messages/campaigns

STATIC CONTENT

LIMITED PERSONALIZATION

PRIMARILY EMAIL

LIMITED MEASUREMENT

## TO

Orchestrating moments- and  
behavior-based journeys

DYNAMIC CONTENT  
PERSONALIZATION

BROWSING BEHAVIOR

OMNI-CHANNEL

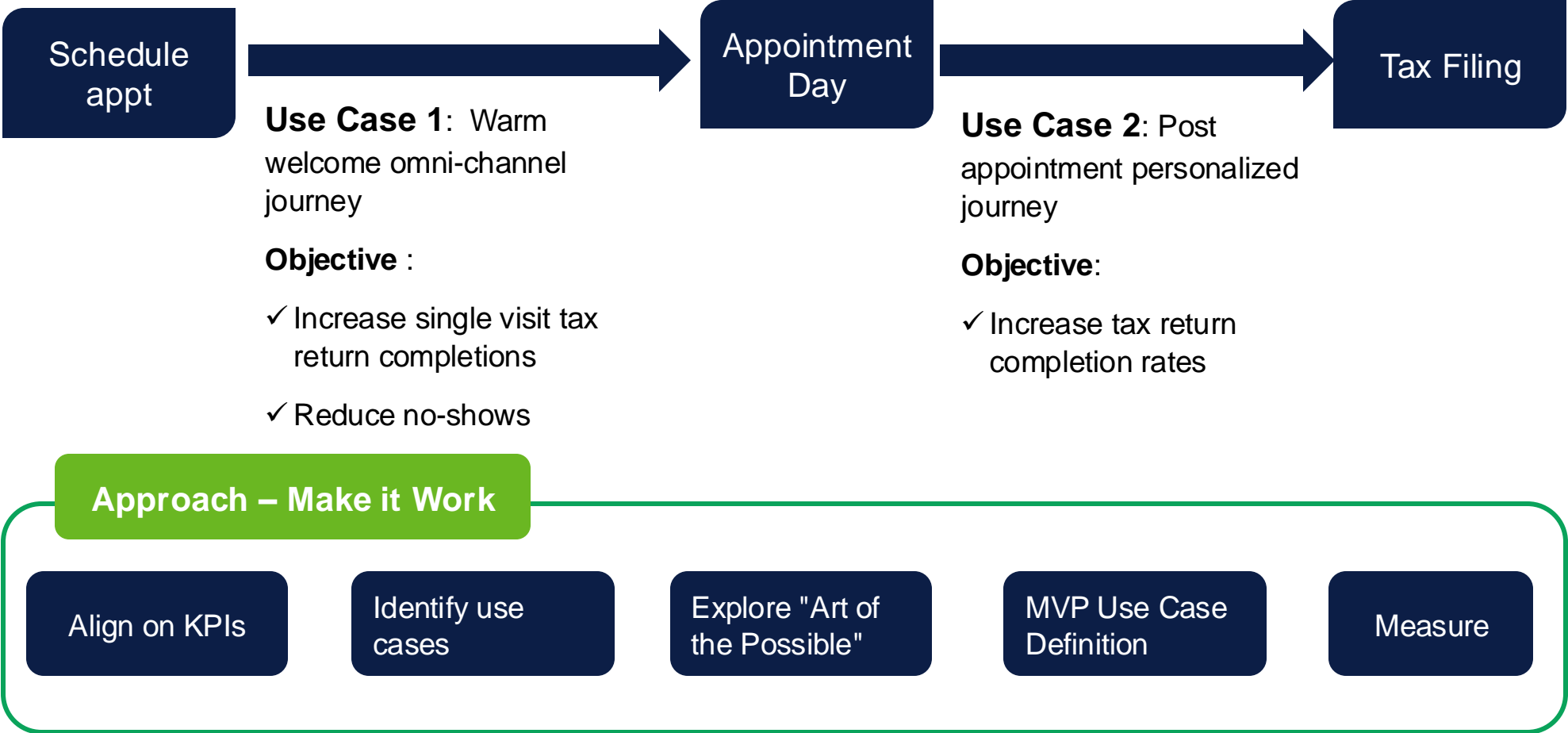
STATE-OF-ART MEASUREMENT

ENABLES OPTIMIZATION



# Drive Tax Return Completion Rates through Personalized Journeys

Your typical in-person tax return journey:



# Redefining Customer Experience with Real-Time, Unified Data

## BUSINESS CHALLENGE

H&R Block needed to **unify historical and real-time data** to enhance customer engagement, improve appointment conversions, and streamline tax filing journeys. Challenges included fragmented data sources, limited personalization, and opportunities in appointment lifecycle tracking.

## MERKLE SOLUTION

Merkle partnered with H&R Block to implement Adobe Experience Platform (AEP), integrating historical data from Microsoft Azure with real-time Web SDK signals to power data-driven engagement strategies.

Key initiatives included:

- **Real-Time Omnichannel Journeys:** Seven-touchpoint email journey triggered by Azure Event Hubs and Web SDK signals, ensuring seamless customer communication.
- **Identity & Audience Management:** Established 20+ segments and 4M profiles in AEP for targeted personalization.
- **Post-Appointment Follow-Ups:** Automated journeys reminding customers of pending documents, payments, and signatures to drive completion rates.

6% ▼

Decrease in number of appointment cancellations

7% ▼

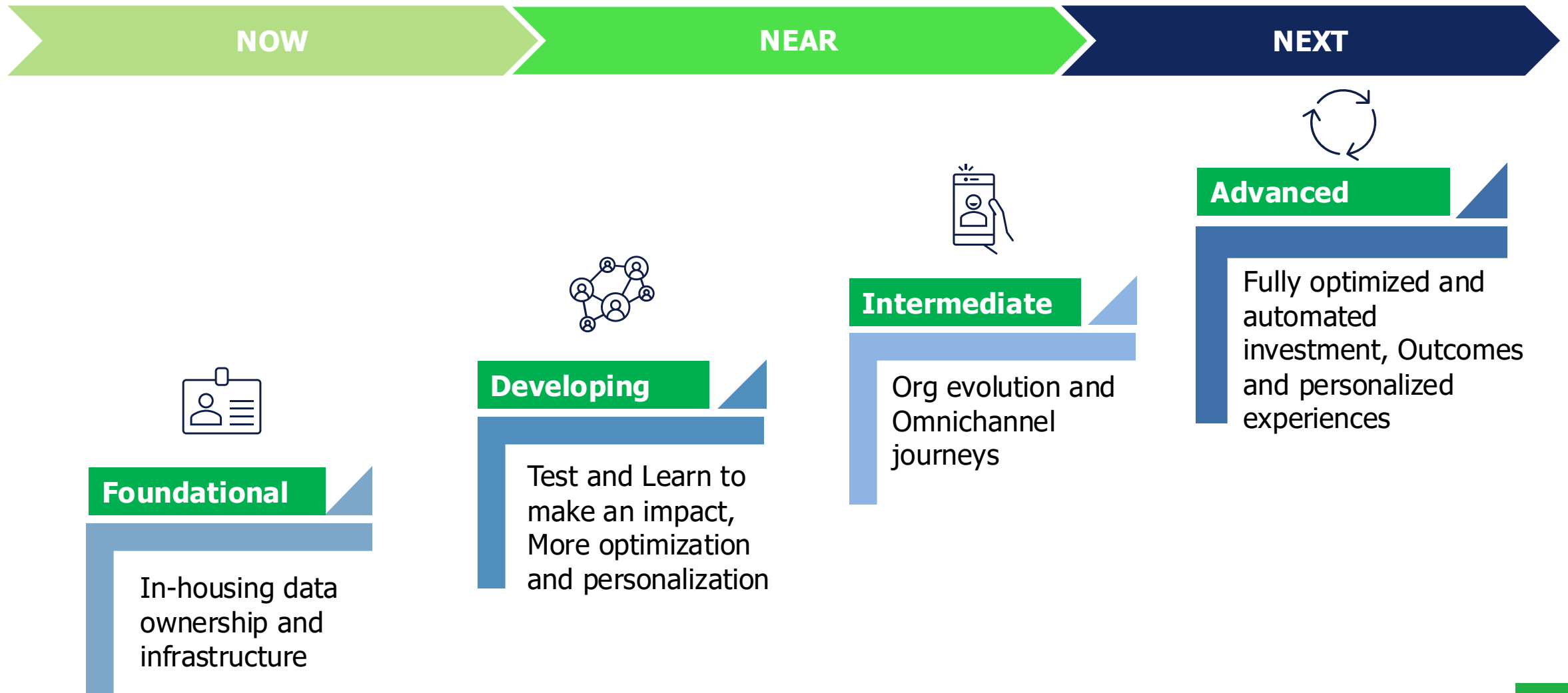
Decrease in number of customers who did not show up to their scheduled appointment

PARTNER



# CDP Maturity and Expansion

## Making marketing a stronger growth engine for HRB



# Adaptive Experiences

Using Agents to drive a new level of Customer Experience



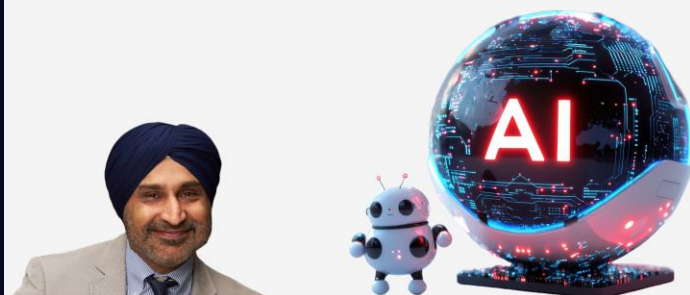


# AI is changing the way organizations approach Personalization & Customer Experience

## Top 3

AI Trends for 2025

**The Rise of Agents & Adaptive Experiences**



**1 AI will accelerate**  
the shift from traditional marketing to  
**ADAPTIVE EXPERIENCES**



**2 A shift from**

*Co-pilots and AI assistants to smart agents will revolutionize customer interactions.*



**3 Combining CDP**  
& Content at Scale will drive  
**ADAPTIVE EXPERIENCES**

# Adaptive Marketing Maturity powered by AI and Agents

GenAI & Agents Boost Maturity Towards Adaptive Experiences As The New North Star

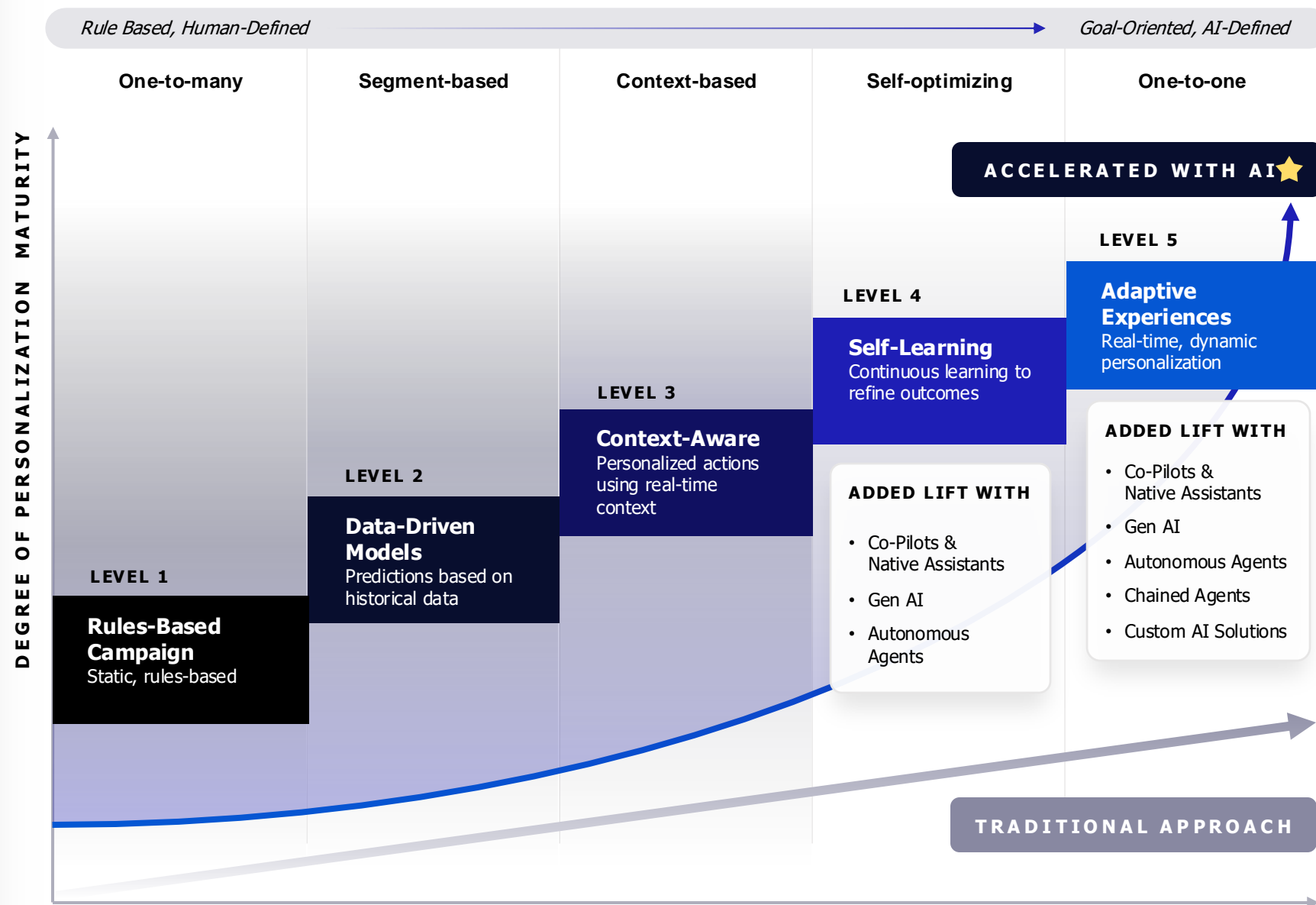
## MATURITY Opportunity Areas

### With MarTech:

- Dynamic Website Optimization
- Next-best Action Recommendations
- Personalized Web Content Recommendations
- Real-time,, Omni-channel Marketing
- Predictive Content & Journey Mapping
- Real-time Product Catalog for Inventory Updates

### With Co-Pilots & Agents:

- Knowledge Base & How-To
- Insights & Data Democratization
- Guided Scripts for History Lookup
- Model & Rule Based NBX
- Workflow Automation
- Content Operations at Scale
- Self-optimizing Customer Service Chatbot
- Prompt Based GenAI For Content Ideation



# Adaptive Marketing Maturity powered by AI and Agents

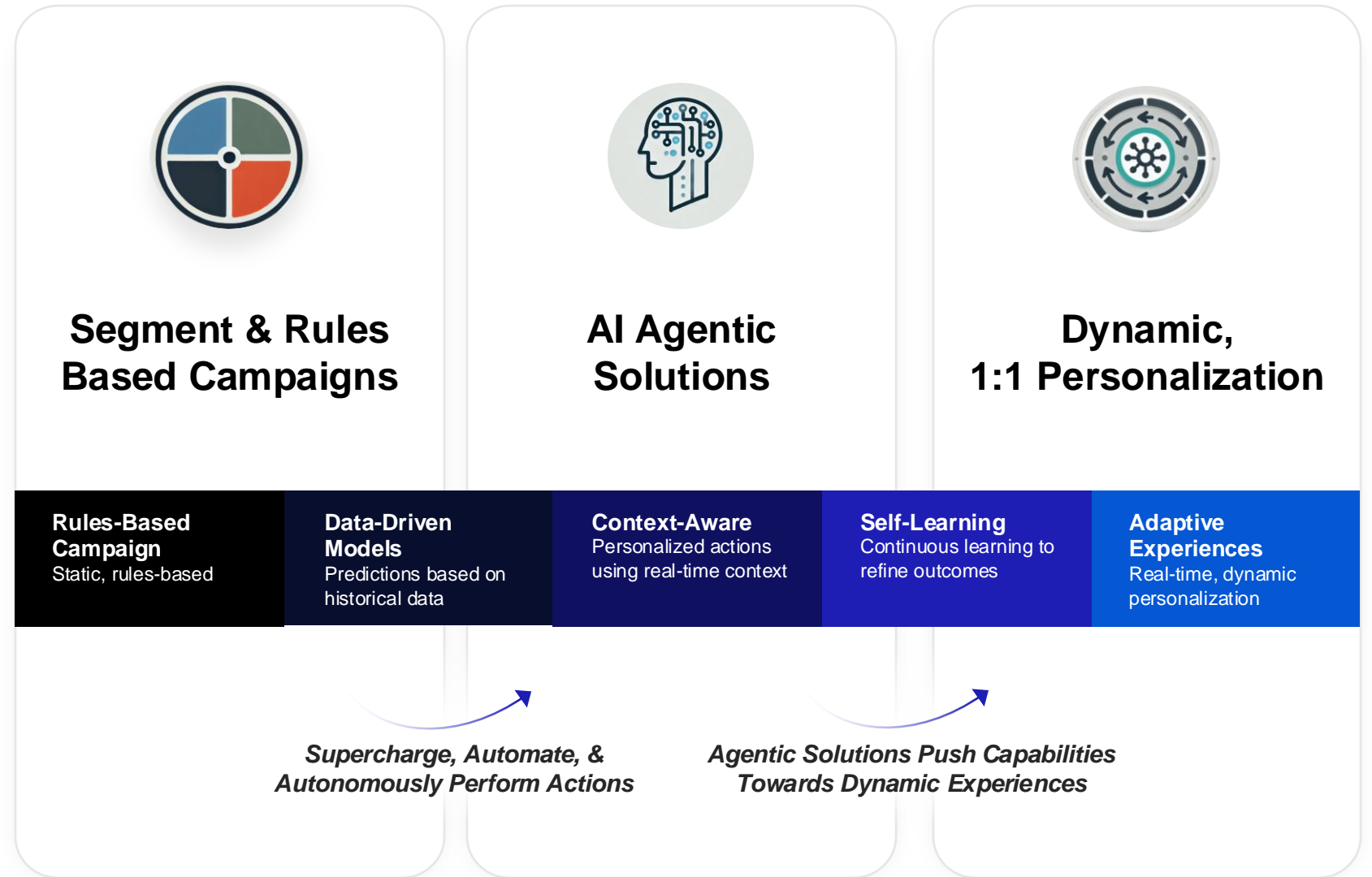
Advancing AI maturity requires adapting both technology capabilities and strategy.

## WHAT

Learn, Adapt & Tailor Experiences

## HOW

Integration, Automations & Gen AI



HOW DO WE GET THERE?

## Our Approach & Guiding Principles

# Start Small and Expand

FAST START

Make it  
**WORK**

Make it  
**BETTER**

Make it  
**BIGGER**

LAY THE FOUNDATION



Use case  
launch



Feature  
expansion



Brand  
expansion



Channel  
expansion

EXAMPLES

### Intelligent AI Virtual Assistants that automate tasks

Improve information access and workflow efficiencies

Smart Bot with AI

Leveraging data in Data Lake for siloed Use Cases.

Management of unstructured and structured data sources.

### Utilizing RT data & Sentiments to drive Next Best Experience (NBX)

Mature from traditional marketing to Adaptive Experiences

Utilize native platform features

Supercharge Call Center/in-store Rep with guided welcome script

Adapt offers, personalized 1-1 Creative, Email, Landing Pages



## Customer Service AI AGENT:

GENAI UTILIZING AEP, MERKURY, AJO OFFERS

# Welcome back, access customer data here:

Select Customer ID:

Customer ID

Customer Name

Continue →



The content and technology seen herein is shared for demonstration uses only. It relies solely on data that does not relate to and was not collected from or about a real person. It is intended solely to demonstrate the possibilities of what Generative AI can do. In the event that a party wishes to engage Merkle to develop a solution similar to the one demonstrated here, Merkle and such party will work jointly to agree on the scope and functionality based on, among other things, applicable laws, privacy policies, and consents received for data to be used.



# Customer Service AI AGENT:

GENAI UTILIZING AEP, MERKURY, AJO OFFERS



**Liam James Smith**  
CUSTOMER SINCE 2005



## Customer Information

CUSTOMER ID:  
VZ10009001

EMAIL:  
liam.james.smith@email.com

STATE OF RESIDENCE:  
CO

NOTIFICATIONS:  
Device Purchase

SENTIMENTS:  
neutral

MERKURY ATTRIBUTES:  
Walking/Running, Pet Owner, Sweepstakes/Gambling,  
Book Buyer, Dog Owner, Education: Master's

Offers →

## Welcome Script:

Welcome to Merkle, Ella! We're excited to have you here. As an active traveler and pet owner, we believe you'll find our services perfectly suited to your needs. Whether you're planning your next family trip or a solo adventure, we're here to make your journey smooth and enjoyable. Let us know how we can assist you further on your travels.

TO: liam.james.smith@email.com

SUBJECT: Thank You for Being a Valued Customer  
Since 2005!



Liam Smith,  
**We have a Special  
Discount just for you**  
**\$50 Off**

18 Mar 06:29

Reset Chat



Hi! I am your AI Assistant. How can I assist you today?



What specific details would you like to include in the personalized message?

thank for being our long term member since 2005

Write a message...


Send

**We have a Special  
Discount just for you**  
**\$25 Off**


**We have a Special  
Discount just for you**  
**\$50 Off**

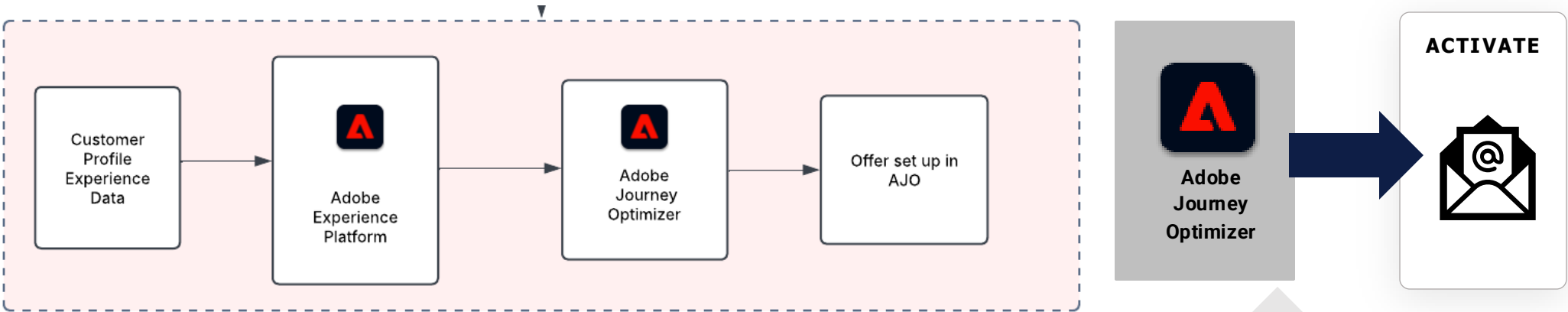
# Architecture


## INPUT FEEDS

 **MERKURY**  
(Data Attributes)

Customer Sentiment


 qualtrics



 **Liam James Smith**  
CUSTOMER SINCE 2005


**Customer Information**  
CUSTOMER ID: VZ10009001  
EMAIL: liam.james.smith@email.com  
STATE OF RESIDENCE: CO  
NOTIFICATIONS: Device Purchase  
SENTIMENTS: neutral  
MERKURY ATTRIBUTES: Walking/Running, Pet Owner, Sweepstakes/Gambling, Book Buyer, Dog Owner, Education: Master's

**Welcome Script:**  
Welcome to Merkle, Ella! We're excited to have you here. As an active traveler and pet owner, we believe you'll find our services perfectly suited to your needs. Whether you're planning your next family trip or a solo adventure, we're here to make your journey smooth and enjoyable. Let us know how we can assist you further on your travels.

18 Mar 06:29  
 Hi! I am your AI Assistant. How can I assist you today?  
Write a message...  
Reset Chat  
Send


Offers →

0%



Liam Smith,  
**We have a Special Discount just for you**  
**\$50 Off**

72%



Liam Smith,  
**We have a Special Discount just for you**  
**\$50 Off**

44%



Liam Smith,  
**We have a Special Discount just for you**  
**\$50 Off**

100%



Liam Smith,  
**We have a Special Discount just for you**  
**\$50 Off**

TO: liam.james.smith@email.com

SUBJECT: Thank You for Being a Valued Customer Since 2005!



Liam Smith,  
**We have a Special Discount just for you**  
**\$50 Off**

# Key Takeaways Successful Adobe AEP Journey



**Q/A**



# Visit Booth #1135



**Sameer Agarwal**

VP of Technology – Enterprise  
Architecture and Platforms



**H&R BLOCK**



**Jas Singh**

VP of AI & Emerging Technology

 **MERKLE**



**Join us at additional  
sessions today:**

## **Breakout session**

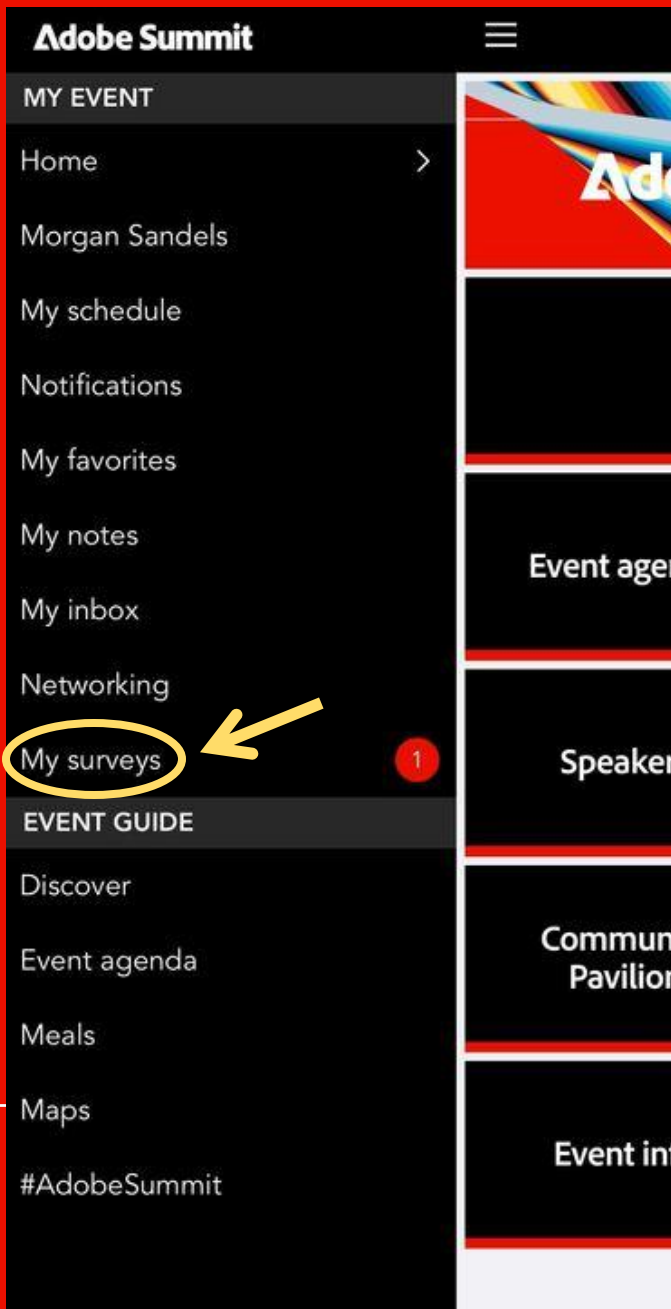
Celestyal Cruises: Chartering  
the Fast Track to Hyper-  
Personalization – **2.30pm in  
Delfino 4101A**

## **Theater Session**

Riding a Content Supply  
Chain Wave: From Getting  
Started to Best Practices –  
**4.30pm in the Exhibit Hall**



# Thank you



Take the survey in the Summit app for a chance to win!

**Session prize** (one per session)  
\$20 Starbucks gift card



**Grand prize** (one per day)  
Bose QuietComfort  
Ultra Headphones



# How we support

1

Strategy  
and  
Planning

2

Implementation  
Support

3

Audience  
Management

4

Organizational  
Adoption

5

Managed  
Service/  
Optimization

6

Advisory Services