FORRESTER® CHALLENGE THINKING. LEAD CHANGE.

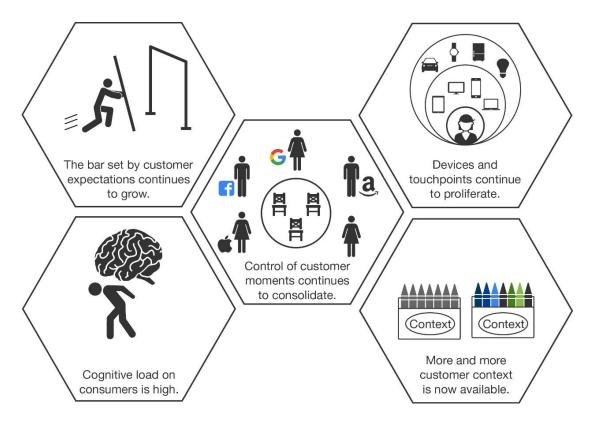
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Driving Business Outcomes With Real-Time Interaction Management

Rusty Warner, Principal Analyst

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Customer experience ecosystems are evolving rapidly



Source: Forrester report Modernize Your Martech Stack For Moments



Brands must win in customers' moments.

Consumers expect that they can get what they want in their immediate context and moments of need.

Brands are falling short

- > 89% of digital businesses say they are personalizing experiences.
- > 72% of retailers say they want to personalize the in-store experience.

- > Only 5% of US consumers say email offers are usually well-timed with my needs.
- Only 13% of US online adults aged 18 to 24 say that brands make them feel valued.

Source: Forrester report Evolve Now To Personalization 2.0: Individualization; Forrester Data Consumer Technographics Global Online Benchmark Survey (Part 2), 2018

Six market imperatives in the age of the customer



Drive revenue with CX



Differentiate with digital



Use customer insights to gain competitive advantage



Accelerate growth with marketing innovation



Transform IT to win, serve, and retain customers



Secure customers, protect the brand

Real-Time Interaction Management (RTIM)

Enterprise marketing technology that delivers contextually relevant experiences, value, and utility at the appropriate moment in the customer life cycle via preferred customer touchpoints.

Source: The Forrester Wave™: Real-Time Interaction Management, Q2 2017

What RTIM is NOT

- Superficial personalization
- Canned offers and content
- > Irrelevant retargeting messages
- Duplicate cross-channel ads
- Crowd-sourced recommendations
- > Prospect stalking



Source: The Forrester Wave™: Real-Time Interaction Management, Q2 2017

RTIM core components

- 1. Identity resolution at a personalized, individual level
- 2. History merged with real-time contextual insight
- 3. Analytics to determine action, offer, content, or message
- 4. Delivery and dialog management at the appropriate touchpoint
- 5. Insights for ongoing interactions and strategic planning

Recognition

Context

Offer

Orchestration

Optimization

Source: The Forrester Wave™: Real-Time Interaction Management, Q2 2017

RTIM embraces context

Customers value experiences that make their lives easier.

To succeed, marketers must:

- Create a compelling value exchange.
- Focus on usefulness before cleverness.
- Integrate utility into all marketing programs.
- > Embrace "pull" versus "push" tactics.



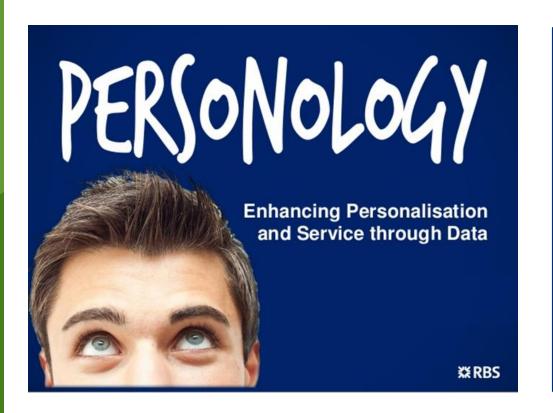


Anticipatory



Source Forrester's The Enterprise Marketing Technology Playbook For 2018

Royal Bank of Scotland invests in personalized CX

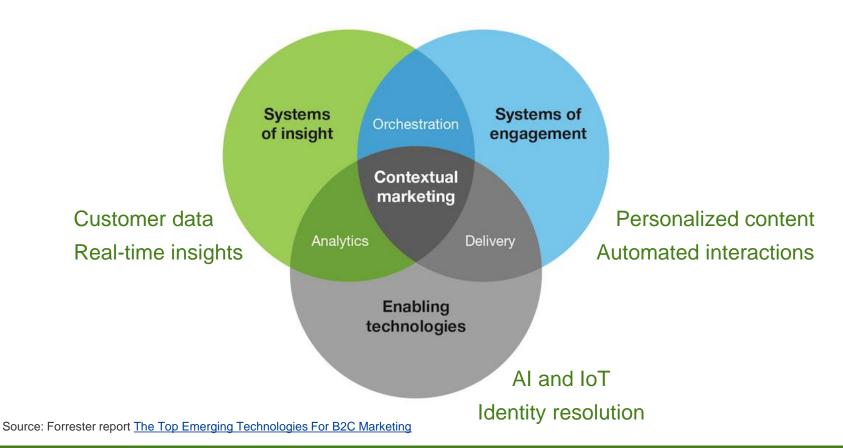




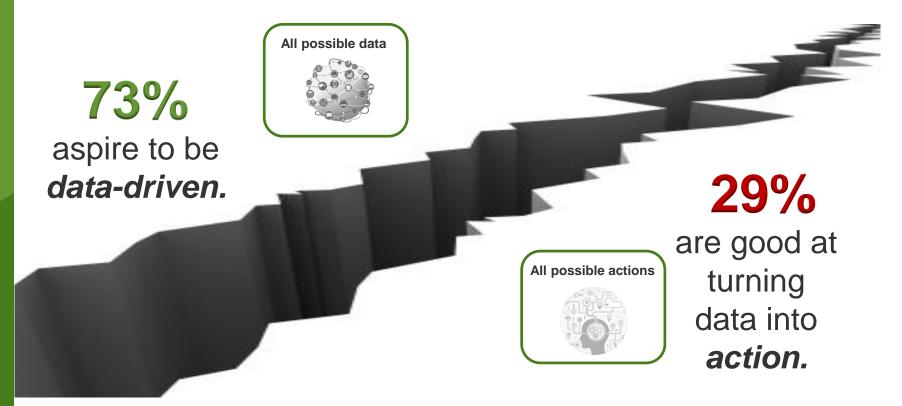
- Aligned marketing with nextbest-action and business decision tools
- ✓ Integrated web, mobile app, contact centers, and branches
- Successfully created its own CX branding for employees

Source: "Personology - Enhancing Personalization and Service through Data", RBS

RTIM enables Systems of Insight and Engagement



RTIM closes the insights-to-action gap



Source: Forrester's Global State Of Strategic Planning, Enterprise Architecture, And PMO Online Survey; Base: 170 enterprise architecture professionals

European retailer aligns digital and in-store CX

TODAY

Personalized
offers and
behavior-based
engagement via
email, SMS,
mobile app, and
social media

€€€€€€

Measuring uplift and life-time value for targeted audiences plus optimizing cost effectiveness of recommended offers

CHALLENGES

Alignment with organizational structure and local stores

Deployment across multiple brands in multiple countries

TOMORROW

Implement proximity-based marketing and integrate RTIM with CRM and loyalty programs

Source: Forrester's Q1 2017 Global Real-Time Interaction Management Customer Reference Interviews

RTIM propels Al adoption

1. Sense

Ingest data and context

2. Think

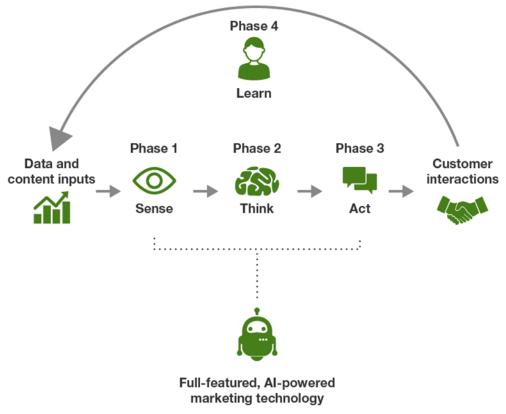
> Deploy self-learning

3. Act

Take recommended action

4. Learn

> Optimize based on results



Source: Forrester report Al Must Learn The Basics Before It Can Transform Marketing

RTIM propels Al adoption

1. Find patterns

More data, more quickly

2. Make suggestions

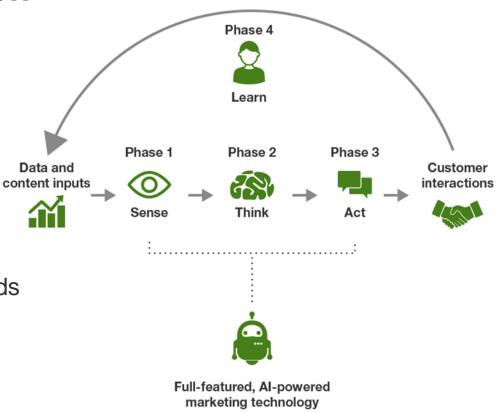
Human review and action

3. Embed decisions

With guardrails and thresholds

4. Fully automate

Appropriate use cases



Source: Forrester report AI Must Learn The Basics Before It Can Transform Marketing

Total Economic Impact – Telecommunications firm

- > Improved retention: \$63.5 million per year in additional value
 - Prioritized customer offers that adapt in real time
 - Detailed analysis to optimize retention strategies
- > Contextual offers: \$13.8 million per year in incremental sales
 - Up-sell/cross-sell premium services
 - Incremental revenue from existing customers
- > Efficiencies: Enhanced enterprise performance
 - Streamlined marketing processes
 - Streamlined contact center operations
- > ROI: Payback period under 5 months
 - 797% Return on Marketing Investment (ROMI)
 - Overall Return On Investment (ROI) of 438%

The Total Economic
Impact™ Of Pega
Marketing
Cost Savings And Business Benei

Cost Savings And Business Benefits Enabled By Pega Marketing

Source: A Forrester Total Economic Impact™ Study Commissioned By Pegasystems

RTIM spans the customer lifecycle

ENGAGE

USE

Interaction: loan offer
Context: account activity
Channel: personalized email
Function: marketing with sales

ASK

Interaction: service request Context: account issue Channel: contact center

Function: marketing with services

DISCOVER

Interaction: Facebook ad Context: browsing behavior Channel: social media Function: marketing

EXPLORE

Interaction: online visit
Context: click-through
Channel: web landing page

Function: marketing

Interaction: account set-up Context: download link Channel: mobile app

Function: marketing with operations

Interaction: online application
Context: product recommendation

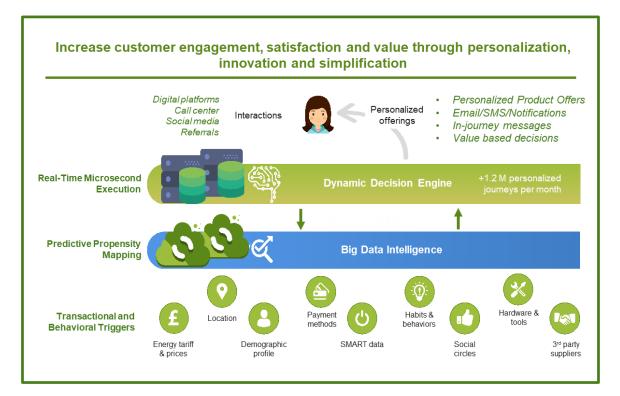
Channel: website

BUY

Function: marketing with operations

Source: Forrester report Vendor Landscape: Real-Time Interaction Management

ScottishPower runs on unified CX





- Aligned marketing and customer services
- Integrated business technology ecosystems
- Successfully rolled-out digital transformation to a traditional enterprise

Source: Case Study: ScottishPower Adapts To Customer Needs With RTIM

RTIM operating principles



FROM TO **Customer** aware **Customer led** Data rich **Insights driven Perfect Fast Siloed** Connected

Source: Forrester report The Model For Modern Marketing

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Rusty Warner +44 (0)2073 237755 rwarner@forrester.com

Thank you