

# **Цифровая трансформация СХ**

**Владимир Галь**, Директор по развитию бизнеса SAP Hybris САП СНГ

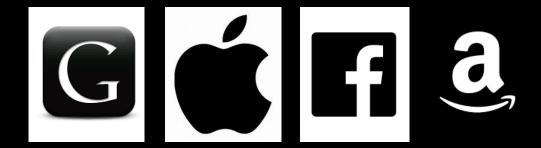
Москва, 11 декабря 2017



# **DIGITIZATION** = **GAFAzation**

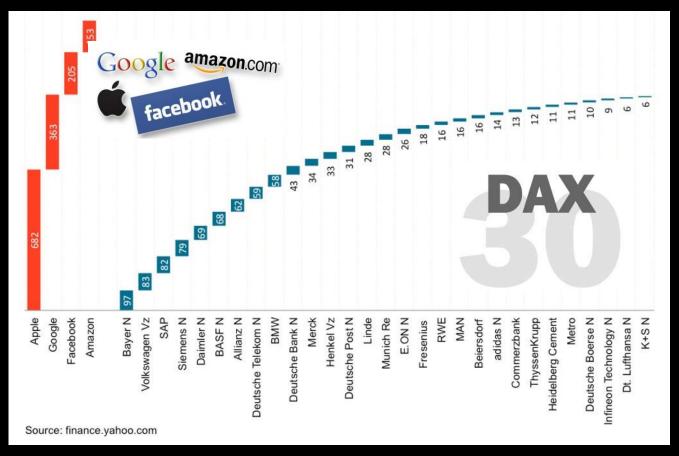
# **YTO TAKOE GAFA?**

# **GAFAnomics**



20 years ago little start-ups and no relevant companies . . .

# Their today's market capitalization is higher than the whole DAX 30!

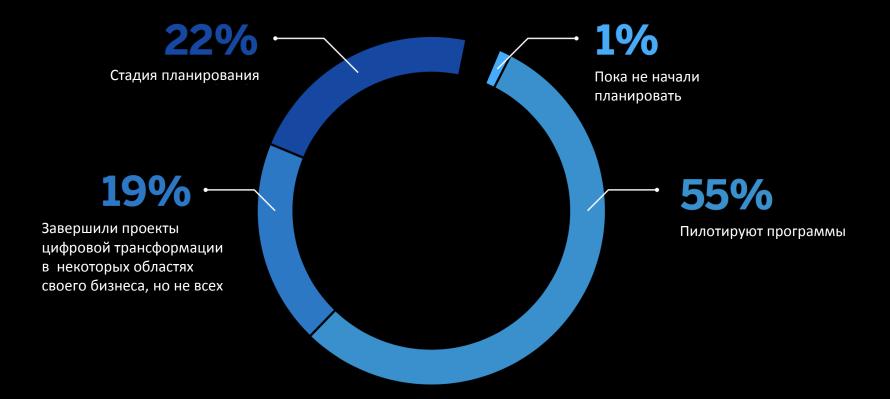


# GAFA pushes expansion even through market disturbance

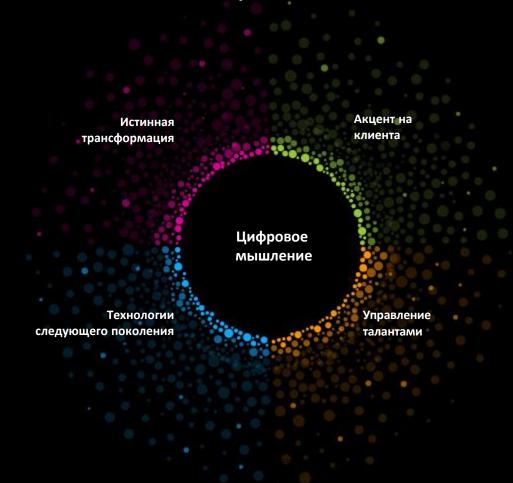
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Ĩ	TELECOM & IT	Google Fiber	Apple Sim	WhatsApp	Cloud Drive
\$	HEALTH	Georgle Calico	HealthKit	Move	amazon.com materiora Marketplace
Ħ	RETAIL	Shopping express	iBeacon	<b>f ™</b> buy Facebook "Buy" Button	amazen Grocery Delivery
₫	ENERGY & UTILITIES	nest.	Solar Power	internet.org	Fulfillment by Amazon
-	MEDIA & ENTERTAINMENT	Play	iTunes Radio	Oculus	Gamers Video platform
\$	FINANCIALS	Wallet	<b>≰</b> Pay Apple Pay	Friend-To-Friend Payment <sup>1</sup>	amazon payments
4	MOBILITY, TRAVEL & LEISURE	<b>€</b> Car	CarPlay	+ III Messenger + Uber integration 1	amazon cloud player + Amazon Media app for connected cars

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# ТЕКУЩИЙ СТАТУС ЦИФРОВОЙ ТРАНСФОРМАЦИИ



#### ЧЕТЫРЕ ТЕМЫ, КОТОРЫЕ РАЗВИВАЮТ «ЦИФРОВОЕ МЫШЛЕНИЕ» БИЗНЕСА



# ТОП 100 лидеров разрушили привычный подход к технологическими изменения

эпизодическое, постепенное изменение в существующей бизнес-модели



#### ЧЕТЫРЕ ТЕМЫ, КОТОРЫЕ РАЗВИВАЮТ «ЦИФРОВОЕ МЫШЛЕНИЕ» БИЗНЕСА

70% лидеров видят существенные выгоды от трансформации, направленные на повышение удовлетворенности и вовлеченности клиентов 92% лидеров реализуют реализуют стратегии цифровой трансформации и процессы, направленные на улучшение клиентского опыта

58%

лидеры ссылаются на расширение прав и возможностей клиентов как ключевой глобальный тренд по сравнению со всеми остальными, которые, как правило, больше ориентируются на глобальную конкуренцию и растущие темпы изменений





#### LEADERS TRANSFORM CUSTOMER-FACING FUNCTIONS FIRST

"72% of CEOs see the next
3 years more critical than the
past 50 for their industry. \*

At the epicenter of change is the customer experience, which will redefine every company's business model and how they deliver value."



Bill McDermott CEO, SAP SE

<sup>\*</sup> Source: Forbes Insights, 2016 Global CEO Outlook

#### КЛЮЧЕВЫЕ ИТ-ТРЕНДЫ



Границы отраслей размываются



Интернет вещей



Данные стали новым активом компании



Облачные технологии



Использование естественного языка изменит общение с машиной



Каждая компания становится софтверной



Клиент – эпицентр цифровой трансформации



Открытая архитектура



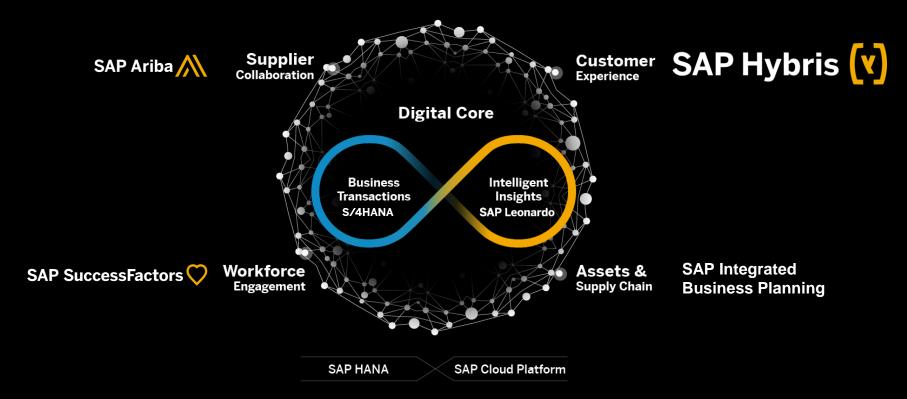
Машинное обучение и искусственный интеллект



Работа компаний в режиме реального времени

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### ЦИФРОВОЕ ЯДРО SAP



#### **SAP HYBRIS SELECTED CUSTOMERS**

**FMCG & TRADE** 

SAMSUNG

**HIGH-TECH** 









MANUFACTURING





**SERVICES** 



**FASION** 



Microsoft



















MITSUBISHI







ALDO







Carrefour





















swisscom



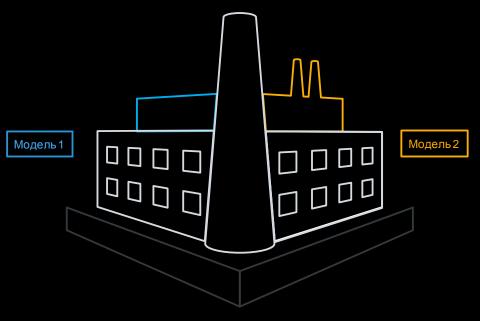
# ТРАНСФОРМАЦИЯ МОДЕЛИ БИЗНЕСА

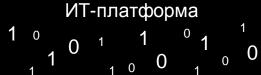


Как получить прибыль?



Как управлять компанией?











Как удивить?

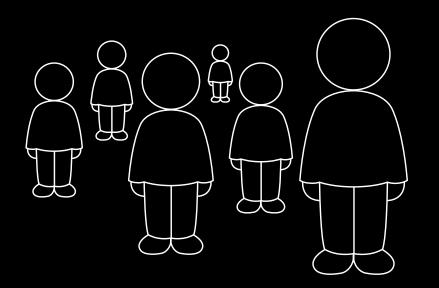
# **Under Armor**



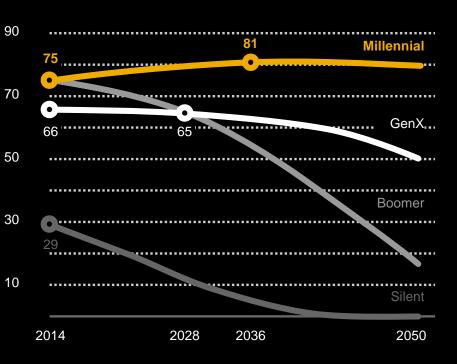
# **Under Armor**

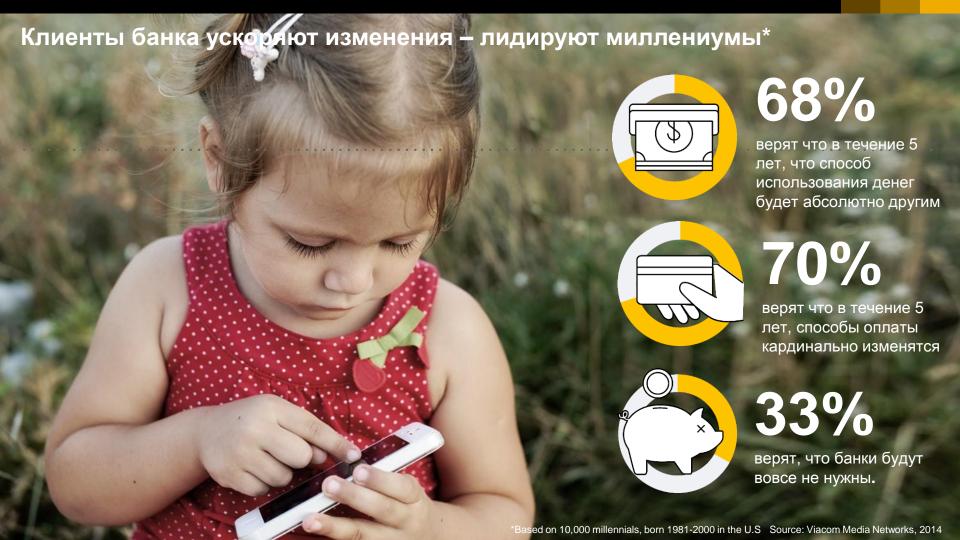
# МИЛЛЕНИАЛЫ

КРУПНЕЙШИХ М. ПОТРЕБИТЕЛЬСКИЙ СЕГМЕНТ 90



#### МЛН.





$$\frac{(CI)^{t} + bpE}{= +\Delta PC}$$

$$= +\Delta PC$$

$$EXP(dig+phys)$$

Real-time Customer Insight

End-to-End Business Process Execution

$$\frac{(CI)^{t} + bpE}{= + \Delta PC}$$
= +\Delta PC \
Growth in Profitable Customers

Harmonized Digital and Physical Experiences

# В2МЕ – НОВЫЙ ЭТАП РАЗВИТИЯ

I этап

B<sub>2</sub>Me Клиентоориентированный Продуктоориентированный подход (В2В2С) подход подход (В2В) Транспортные Финансовые сервисы сервисы Ритейл Телеком сервисы продукты

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настоящее

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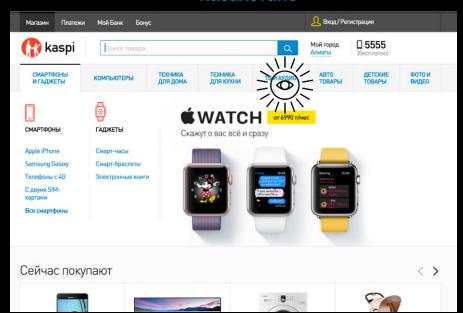
II этап



#### Kaspi Bank



#### КРУПНЕЙШАЯ E-commerce площадка в Казахстане



#### Источник дохода

- Комиссия с продажи партнерских продуктов
- Продажа собственных услуг и кредитов

#### Информация о компании

- Один из крупнейших банков Казахстана
- Активы ~\$5 млрд.
- 10% всех кредитов продано через интернет-магазин

#### Выгоды

- 30 000 товаров в каталоге
- Средний чек на покупку в kaspi.kz \$300
- 500 000 покупок в год
- 90% покупок в кредит или в рассрочку
- 30% электроники в стране
- Каждая четвертая покупка в онлайн на kaspi.kz
- Рост комиссионных и процентных доходов

https://kaspi.kz/shop

#### **МИКРОМОМЕНТЫ**



#### Здесь и сейчас

Вся информация нужна пользователю в момент "по требованию"

#### Полезность

Информация считывается за доли секунды, и у нее нет шанса быть "не полезной"

#### Скорость

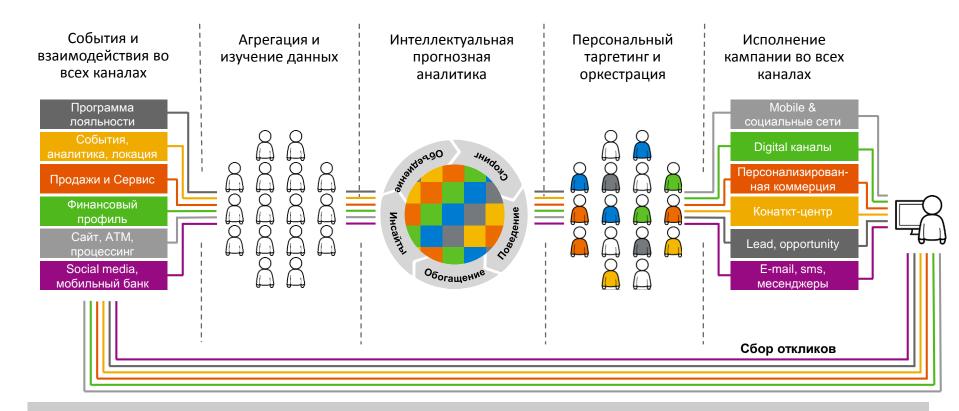
Принятие решений происходит непосредственно на первом шаге поискового сценария







#### РАБОТА С КЛИЕНТОМ В РЕЖИМЕ РЕАЛЬНОГО ВРЕМЕНИ



## NATIONAL HOCKEY LEAGUE®



#### **COMPANY**

National Hockey League®

#### **HEADQUARTERS**

**New York City** 

#### **INDUSTRY**

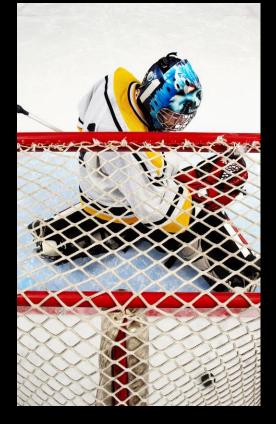
Sports and entertainment

#### **PRODUCTS AND**

#### **SERVICES**

Professional ice hockey

WEB SITE
NHL.com/stats



#### **OBJECTIVES**

- Grow the National Hockey League® digital platform
- Better engage fans with personalized and relevant marketing content and messages
- Increase fan engagement and fervor around the game by providing better statistical visualizations of player and team performances
- Target specific fan demographics for outreach

#### RESOLUTION

- Partnered with SAP to build fan interest and enable better storytelling
- Presented hockey statistics in interactive ways fans have never seen before
- Focused on understanding fan profiles

#### **BENEFITS**

- Built a richer customer profile, with deeper insights into each fan's behavior
- Improved Web site visitors' experience
- Made boosting fan engagement and fervor an in-house capability
- Increased database efficiency with faster response times

25%

More site visitors

45%

More time spent on Web site

25%

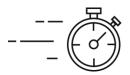
More overall fan engagement

"SAP is helping the NHL® improve its business by saving time, saving costs, and delivering a best-in-class product to our fans."

Chris Foster, Director of Digital Business Development, National Hockey League®

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#### IN THE MOMENT MARKETING REQUIRES



Real-time, Predictive, Customer and Consumer Profiling



Modern Data Integration Tools



Highly Performing Visualization and Exploration Tools



Omni-channel Execution And Seamless Customer Journeys Across All Touchpoints



Intuitive Campaign Management Tools



Powerful Marketing Lead Management Capabilities



Support For Seamless Collaboration across Function



Efficient Marketing Resource Management Capabilities



Flexible Marketing Analytics



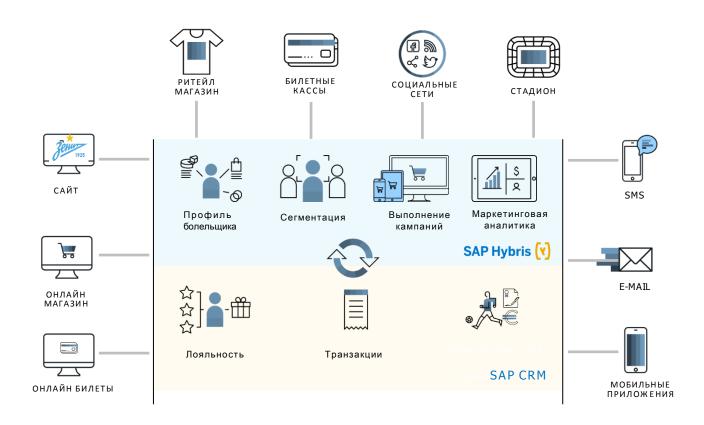
Tightly Integrated Loyalty Management



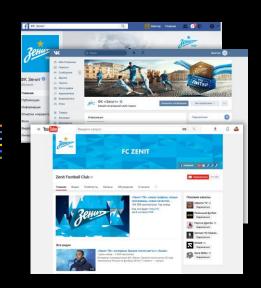
#### Понимание болельщика

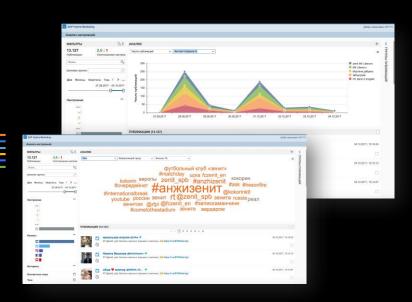


# Новая архитектура для роста и развития



#### Использование данных социальных сетей







ļ



ACTIONS

MARKET

**PLACE RESTAURANT** 



INTERSPAR WORLD

SUCHE PRODUKT, STICHWORT, THEMA ...

SEAR





TO THE ONLINE SHOP



HOUSEHOLD & LEISURE

TO THE ONLINE SHOP

# SPAR INTERNATIONAL

Dutch multinational retail chain and franchise brand with approximately 12,500 stores in 35 countries worldwide.

- Offers >20,000 products online for pickup or delivery
- Search by keyword, filtered according to pre-defined food preferences such as organic or vegetarian
- Pay online by credit card, PayPal, bank transfer or by invoice

# The world's largest high-tech company leverages SAP Hybris

# **SAP Hybris Billing powers services business**



500,000

New customers per day

100 - 1,000

Transactions per second 24x7

- 1 B devices engaged with SAP Hybris solution
- Active installed base is growing 25% year over year
- \$15+ B paid out in revenue share to developers
   & digital content owners
- \$17+ B service revenue s directly related to installed base sales

#### Coca-Cola FEMSA

Reimagine: Business processes, Work

Digital business pillars: Customer experience, Workforce

engagement, Digital core, SAP HANA Platform

Related KPIs: Sales Productivity, Volume growth, Net revenue

growth, Incremental share of sales



Improve business agility to win and keep more customers

Coca-Cola FEMSA, the Mexican multinational beverage giant, is building a digital platform that will enable them to build, win, and grow their client base through real-time customer insight, personalized interactions, and team collaboration.

By employing SAP Hybris and SAP Hybris Cloud for Customer enabled on SAP HANA, FEMSA was able to refocus its strategy from standard customer relationship management to customer engagement, providing relevancy throughout the customer journey. The central pillar of the platform is focused on dynamic initiative management. By turning opportunity data into target groups and targeted initiatives, FEMSA was able to drive significant volume and revenue growth.

#### Access the external reference assets:

SAPPHIRE NOW Replay Video

## Consumer Products

"We are building a new generation of competitive advantage. To support these efforts, we created centers of excellence inside the company, including a focus on trade marketing and commercial. To make all this happen, we had to build a comprehensive platform to support our scale."

- Hector Calva, Global CIO, Coca-Cola FEMSA

#### лект помогает улучшить С

6 hours
Pre-seller work saved per

3.9%

Volume growth

4.8%

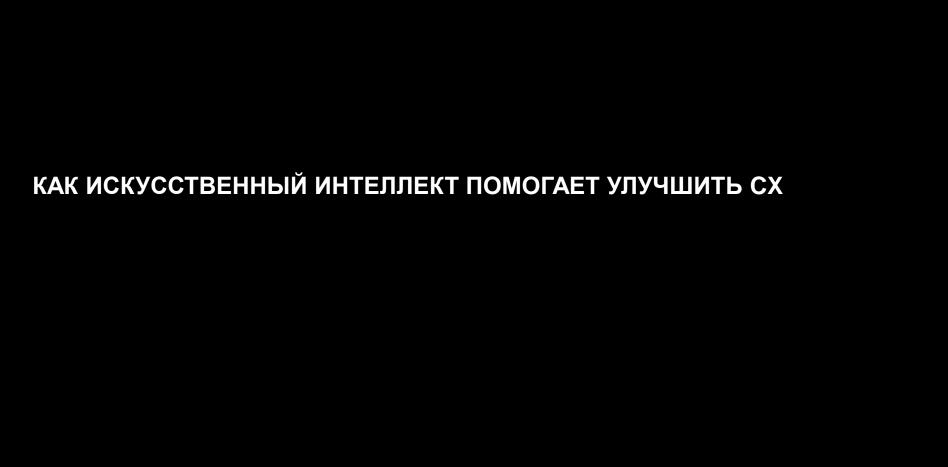
Net revenue growth

1.4%
Incremental share of sales



## ОПЫТ УПРАВЛЕНИЯ ЦИФРОВИЗАИИ СХ В РФ И СНГ





## Потрясающий сервис!



Елена Корякова 🐸 была благодарна.

28 ноября в 22:14 · Москва · 🚱

#### #NESPRESSO

Давно я не сталкивалась с таким потрясающим сервисом. Вернее никогда ранее.

Купила кофемашину в #МВИДЕО, последнюю, с витрины. За время нахождения на витрине из капучинатора исчез венчик для взбивания пены. Без него капучинатор бесполезен. Менеджер в магазине не обратила на это внимание, я не проверила, потом ещё и в течение 2х недель некогда было ехать в магазин разбираться, да ещё и портить себе настроение. Да ещё и объяснять - почему кофемашину уже использовала, капсулы открыла и тд

Зашла на сайт - венчики отдельно не продают.

Думаю - как обменять капучинатор, описываю в комментарии под постом про чёрную пятницу ситуации. И о чудо! Через 5 минут после сообщения мне раздаётся звонок. Мне говорят: Елена Анатольевна, вам по вашему домашнему адресу доставить венчик или какой-то другой. Завтра будет курьер!

Они не спрашивали у меня: в каком магазине, не требовали чека, доказательств, а просто извинились!!! за то, что у меня возникли такие проблемы с их машиной!! Не важно по чьей вине и тд .. просто, что мне было неприятно.

Венчик сегодня был доставлен в офис!

Я ошеломлена, что есть такой сервис и как же NESPRESSO нереально крут!

Я теперь ваш клиент навсегда!

## Porsche leveraging SAP Hybris portfolio

SAP Hybris helps customers to increase customer satisfaction, and decrease marketing spend.



4%

Increase in customer sales satisfaction conversion rate

<u>100%</u> -90%

Reduce in time to market

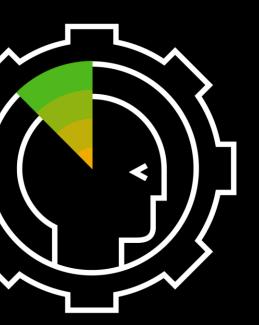




### **Top Impacting Capabilities**

- Single customer view and in-the-moment insights
- Predictive intelligence to target most profitable customers and prospects
- Seamless integration of sales and digital communication channels

## Market trends – Digital transformation Emerging systems of intelligence





Artificial intelligence and machine learning, IoT, insights

By 2018, **75%** of enterprise and ISV development will include AI or ML. – IDC



Embedded machine learning, analytics providing built-in guidance

By 2019, APS
will be the primary
mechanism
to connect data,
algorithms, and decision
services. - IDC



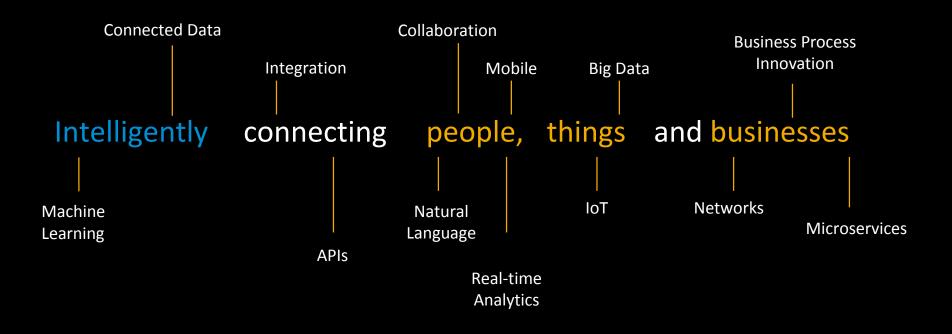
Conversational applications: the new user experience

## By 2019, naturallanguage generation

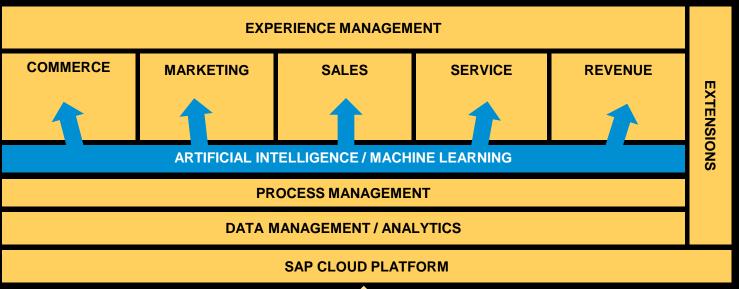
will be a standard feature of **90%** of modern BI platforms. – **Gartner** 

## **Digitization**

Every company to become a software-driven company by



## Augmenting SAP Hybris (v) with Machine Learning Scenarios



Simplifies & differentiates customer processes

**SAP Hybris** 

**Front Office** 

#### **Hybris as a Service**

Enabling innovation and extension

#### **Shared Core Services**



SAP S/4HANA

**DIGITAL CORE** 

## S/4 HANA Back Office

Simplifies & optimizes core processes

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### What customers are saying

"Businesses thrive on data. With SAP Leonardo Machine Learning, BASF is able to derive learnings from our rich datasets, and to drive business process improvements that directly benefit our customers."



Wiebe van der Horst, Chief Information Officer, BASF Group



"SAP is a trusted innovation partner for us. With SAP Leonardo Machine Learning, we are excited about the possibilities to broadly apply this exciting technology across our business."

Michael Crowe, Chief Information Officer, Colgate-Palmolive

"Audi's sponsorship team found the SAP Brand Impact solution a very useful tool. It can help Audi to evaluate its sponsorship exposure at high levels of operational excellence and transparency."



Thomas Glas, Global Head of Audi Sports Marketing



"We are impressed by the solution's capabilities, precision and speed and see it as a great potential tool for our sales efforts, adding data and numbers to media exposure previously deemed unmeasurable."

Source: SAP press article

## Current & Future Machine Learning scenarios in SAP Hybris Marketing Cloud

### **AVAILABLE**



Best Channel



Best Sending Time



Scoring incl.
Buying Propensity
Sentiment Analysis



Product Recommendation



Facial Recognition\*

\* Innovation – not part of standard delivery



Offer Recommendation

### **IN PROGRESS**



Brand Impact



**Customer Retention** 



Behavioral Segmentation

### **PLANNED**



**Smart Campaigns** 



Campaign Portfolio Optimization



Marketing Mix Optimization

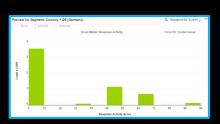


Voice Recognition

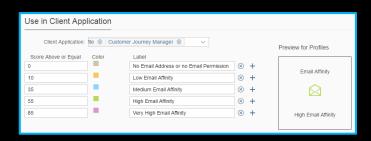
## **Intelligent Scores**

- Scores are key figures derived from rules and aggregated outcome values, which help to characterize and classify the Contact for different aspects (e.g. Loyalty, Satisfaction, ...)
- Score Builder incorporates the SAP Hybris Marketing Cloud Rule Framework (HRF) (UI and Backend).
- A comprehensive set of attributes for rule definition (HRF vocabulary) is provided out of the box.
- In the Score Builder scores can be created, maintained, published, simulated, managed, restricted to a applicable scope, etc.
- In Client Applications (e.g. Segmentation, Fact Sheet) score values are displayed or used. In case score was persisted it is read from the database, otherwise it is calculated in real time.
- Pre-defined scores as shipped examples:
  - Best Email Sending Time
  - Email Affinity

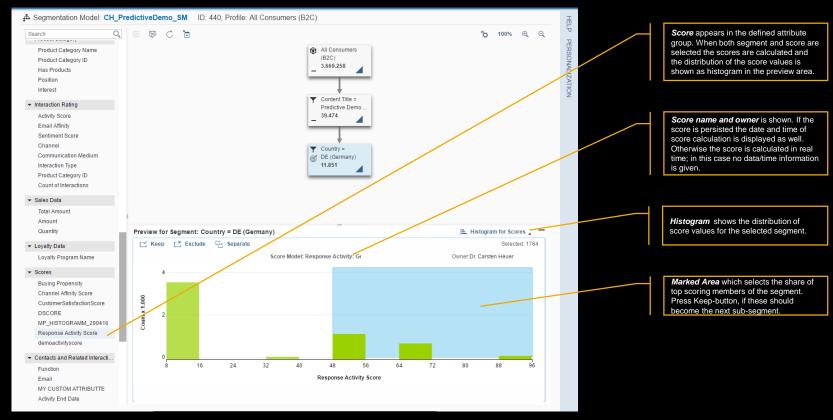




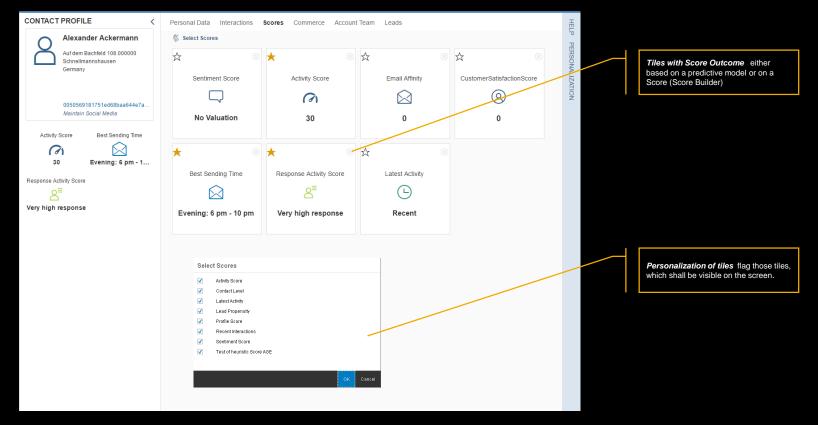




## **Intelligent Scores - Consumption of Scores in Segmentation**

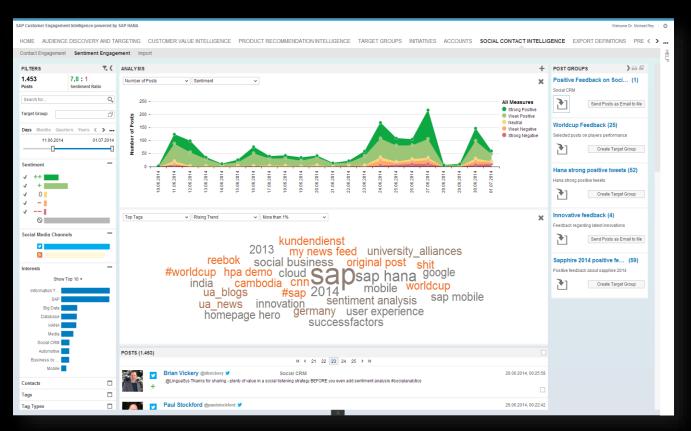


## **Intelligent Scores - Consumption of Scores in Contact Fact Sheet**



## **Sentiment Analysis**

- Social Monitoring on interests, topics and brands
- Sentiment Analysis of social posts, emails, complaints, reviews using SAP HANA Text Analysis (Natural Language Processing)



https://www.youtube.com/watch?v=ELdhpaapzuQ

## **Recommendations based on Facial Recognition\***

\* Innovation - not part of standard delivery

 $\otimes$ 

8



attitude to a crewneck sweater in a swingy c of lush, mid-gauge wool.





Provide a seamless personalized shopping experience in real-time

Product recommendations can be easily integrated into applications via SAP Cloud Platform

By allowing consumers to interact with the display many use cases can be applied to increase conversion

 More insights can be provided by enabling tracking such as engagement level by different age groups

A Hybris Marketing Cloud

LEADING ITEMS (0) CART ITEMS (0) CONTEXT PARAMETERS (2)

Age:26-40

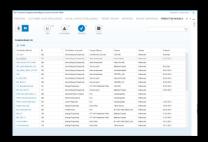
Default \* @

Parameters (2)

SAP Hybris Marketing Interaction Contact



## **Consumer Buying Propensity**



Select Model and Target data

Select the predictive model in the Predictive Model Management



**Train Models** 



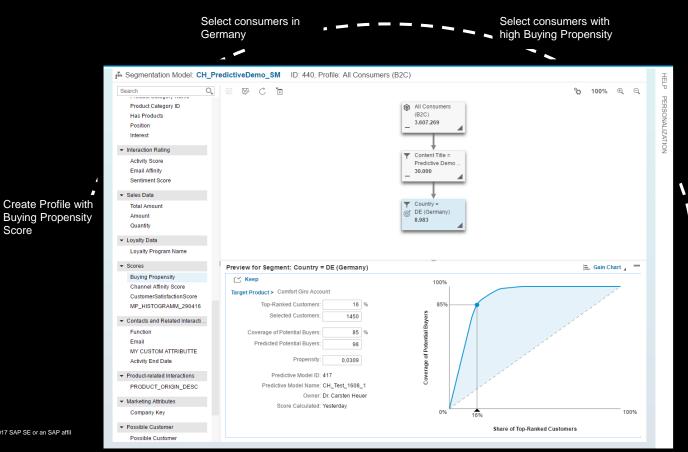
**Select & Use Model** 

- Train models based on selected data
- Review contributing parameters

Select right model based upon fit

# Use Consumer Buying Propensity to identify consumers with high probability of buying

## **Consumer Buying Propensity - Use Buying Propensity Scores in Segmentation**



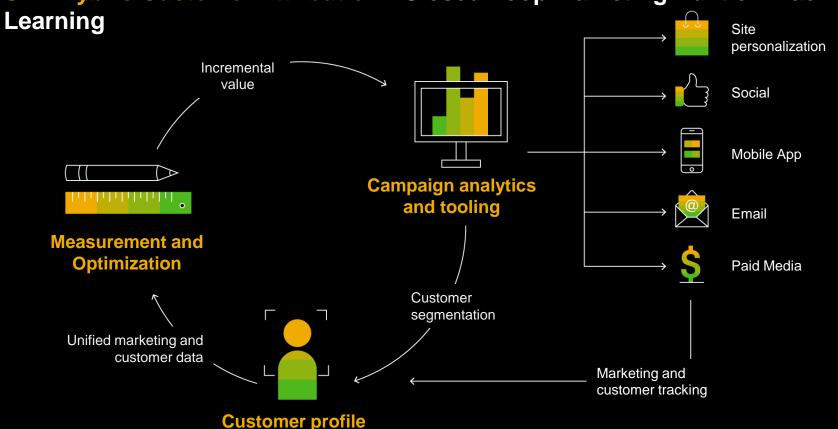
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Score

Create target group for

special offers

**SAP Hybris Customer Attribution - Closed Loop Marketing Built on Machine** 



# **SAP Hybris Customer Attribution - Closed Loop Marketing Built on Machine Learning**

Optimize every marketing touch point to drive more efficient and relevant customer experiences using a game theory algorithm\*.







## **ENRICH**

CAPTURE AND ENRICH USER DATA ACROSS ALL SOURCES INTO A SINGLE VIEW

## **INSIGHT**

INSIGHTS INTO
PERFORMANCE OF EVERY
MARKETING TOUCH POINT

## **AGILITY**

REACT QUICKLY TO
OPPORTUNITIES WITH
DAILY MEASUREMENT AND
OPTIMIZATION

## **SAP Customer Retention**



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Automatically classifies and finds rules

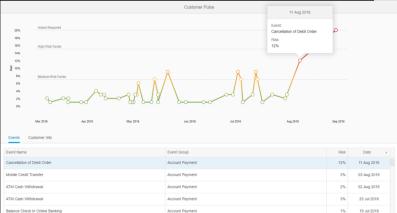
 Automatically identifies events and early indicators related to behavior (like churn)

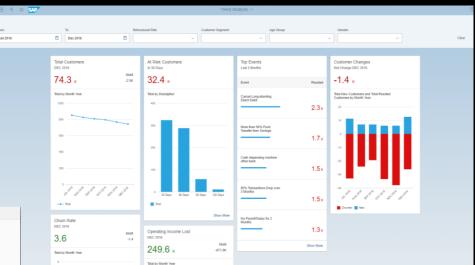
Benefits

Detects customers-at-risk at an early stage

Follow the digital fingerprints down to individual customers

Provide timely churn prediction and address root causes





https://www.youtube.com/watch?v=fJQMU9uD3Kw

https://help.sap.com/viewer/p/SAP\_CUSTOMER\_RETENTION

## **Customer Behavior Segmentation**



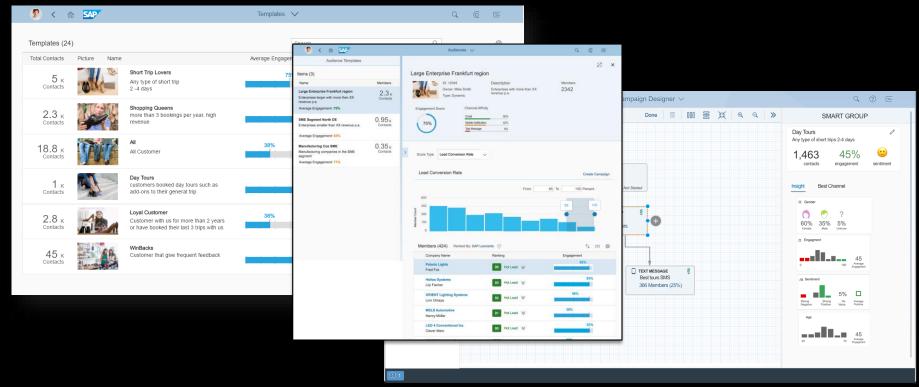
Let the behavior data tell (data driven) what the best customer segments are. Start with Lead Scoring to achieve high conversion.







Digital transformation drives the need for intelligent applications powered by machine learning and marketing big data out-of-the-box



## ЭКОНОМИЧЕСКИЕ ЭФФЕКТЫ ЦИФРОВОЙ ТРАНСФОРМАЦИИ



ИННОВАЦИИ

20-50% сокращение выхода на рынок

10-20% увеличение выручки по новым продуктам и услугам

20-30% сокращение R&D затрат



ПРОДУКТЫ И УСЛУГИ

3–20% повышение выручки из омниканальности

10-20% сокращение стоимости поддержания качества

85% повышение точности прогнозирования



РЕСУРСЫ

10-40% сокращение стоимости поддержки

30-50% сокращение времени downtime

20-50% сокращение затрат по хранению



СОТРУДНИКИ

25-50% повышение эффективности совместной работы

45-55% повышение эффективности рутинных процедур

#### Спасибо за внимание!

# Вопросы и ответы

Владимир Галь Директор по развитию бизнеса SAP Hybris