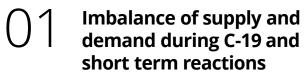
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Pricing & Revenue Management in Uncertain Times

Discussion Paper

NOVEMBER 2020

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Combining value based pricing and optimization to reset pricing practices

)2 Long term shift in consumer preferences and value chain transformation



Should we talk?

Imbalance of supply and demand

The current crisis has challenged established market mechanisms and thereby also had an impact on consumer pricing

DEMAND > SUPPLY

STRONG UPLIFT OF CONSUMER DEMAND IN SOME CATEGORIES AND CHANNELS

- **Consumers spending more on homeware products** (home care) and more on home equipment (TV, furniture, kitchen, etc.)
- **Major disruptions of supply chains** (some retailers have problems delivering orders due to the enormous increase in online commerce and the limited number of vehicles)
- Ongoing shift to remote work drives demand for **networking** infrastructure and connectivity of telecommunication companies¹
 - Strong price increase for certain household products (e.g. toilet paper, disinfection, gloves, masks) and price acceleration of consumer electronics²
 - Media coverage of price increase creates reputation risk³
 - Partially regulation/limitation of prices⁴

STRONG DECLINE OF CONSUMER DEMAND IN MANY

DEMAND < SUPPLY

- CATEGORIES AND CHANNELS
- Economic effect of "Kurzarbeit", job loss and economic downturn⁵
- Limited demand for travel (flights, hotel, holidays, restaurants), fashion (business clothing) and personal care products due to ongoing restrictions
- Significant decrease of energy demand during major lockdowns in all leading industrial companies⁶
- VAT reduction in German for all products and service until the end of 2020 to increase overall demand
- **Overall German inflation (price level) is falling in 2020**⁷

1 Deloitte: https://www2.deloitte.com/global/en/pages/about-deloitte/articles/covid-19/understanding-covid-19-impact-on-the-telecom-sector.html 2 Lebensmittelzeitung: https://www.lebensmittelzeitung.net/industrie/Coronavirus-Brancherechnet-mit-Preiserhoehungen-bei-Elektronik-145018

3 Verbraucherzentrale: https://www.vzhh.de/themen/einkauf-reise-freizeit/wucher-

desinfektionsmitteln-schutzmasken-klopapier

4 Textilwirtschaft: https://www.textilwirtschaft.de/business/news/amazon-darf-keinpreiskontrolleur-sein-kartellamt-untersucht-amazon-praktiken-in-der-corona-krise-226894?crefresh=1 5 Lebensmittelzeitung: https://www.lebensmittelzeitung.net/handel/Verfuegbares-Netto-

schrumpft-Corona-Krise-drueckt-auf-Kaufkraft-der-Europaeer-148846 6 International Energy Agency: https://www.iea.org/reports/covid-19-impact-on-electricity 7 Institute der Wirtschaft: https://www.iwkoeln.de/presse/iw-nachrichten/beitrag/markusdemary-corona-laesst-die-preise-fallen.html

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C-19 IMPLICATIONS

PRICE IMPACT

Market reactions

Following the significant shift in market dynamics, many companies put short-term pricing and offering adaptations in place

SETTING NEW PRICE POINTS		REFINING PRICING MECHANISMS	
PRICING OF NEW B2C OFFERS	 Direct B2C offers to create additional demand Metro, a German B2B wholesaler for the "horeca" segment, has opened its stores for B2C customers and created special B2C offers during the lockdown period 	SOLIDARITY PRICING	 Targeted offers and donations Rewe offered a special promotion for people working in essential jobs (hospital, etc.) Patagonia donates the full VAT reduction to sustainability projects
PRICING OF NEW SIMPLIFIED PRODUCTS	 Simplification of product assortment to reduce complexity McDonald's offered a reduced menu at the reopening of its restaurants to simplify supply and operations 	ADVANTAGEOUS CONDITIONS	 New financing options Ford and Citroen offered special warranties and financing conditions for new customers
PRICING OF NEW PRODUCT BUNDLES	 Development of new product bundles to increase convenience Telcos are offering networking tools in new bundles for free or at a reduced cost to aid customers in working from home 	PRICE MONITORING	 Tracking and freezing of extortionate prices Amazon has identified sellers who have committed price abuse and removed more than half a million products from its site from sellers having violated the "fair pricing" policy
PRICING OF NEW FORMATS	 Evolution of product and service formats Coca-Cola is revising product formats to better meet the needs of B2C online sales, and find alternatives to offering beverage fountains for business customers 	PRICING ALGORITHM	 Adjustment of dynamic pricing models Lufthansa Group needs to manually adapt the system generated pricing suggestions due to significant change in consumer behavior and other input factors

THORSTEN ZIERLEIN | PARTNER

"We believe that some of the trends we see as a consequence of C-19 are here to stay. Shifts in consumer preferences and supply chain impacts will require manufacturers and retailers to re-think their pricing strategy and execution."

Changing consumer preferences

Immediate shifts within the consumer purchasing behavior require an instant shift towards more value-based pricing to create a competitive advantage

Value

Focus

LOYALTY SHOCK

Decreasing loyalty of consumers specifically regarding established brands

LOCAL PRODUCTS & SERVICES

Increasing demand for local products & service with trusted quality & secured supply

PRIVATE SPACE AND OWNERSHIP

Growing importance of the private space (e.g. house, flat) and ownership (e.g. vehicles)

IN-HOME CONSUMPTION

More consumption in the private space due to restrictions and increased infection risk

DIGITAL PAYMENT SOLUTIONS ON THE RISE

Growing affinity towards contactless payment solutions, especially in the German market

NEW WAYS OF WORKING

Technological development and increasing regulations support the digital work environment

REASONED CONSUMPTION AND PRICE IMPORTANCE

Economical impact of the crises puts jobs at risk and creates uncertainty

HEALTH AWARENESS

Increasing awareness for health and infection risks among all consumer types

CHANGE OF FREQUENCY AND FORMATS

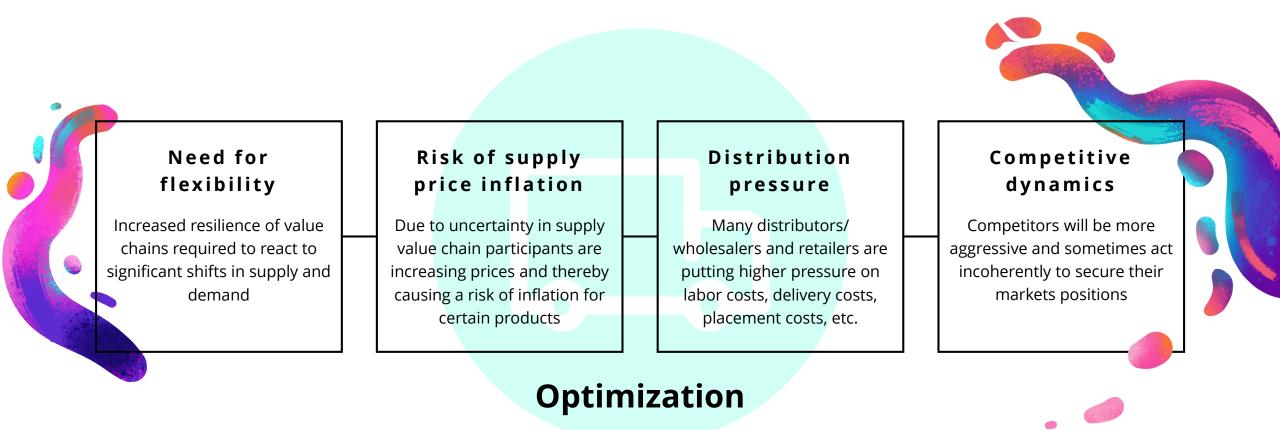
Decreasing frequency due to higher basket size and preference of larger formats

ONLINE ACCELERATION

Fast growth of the online channels for all consumer interaction from sales to services

Transformation of the value chain

Significant shifts within the value chain have a lasting impact on the commercial agenda of manufacturers and retailers



VALUE FOCUS

PRICING & REVENUE MANAGEMENT IN UNCERTAIN TIMES

Combining value based pricing and optimization

Changes in the consumer purchasing behavior and the value chain demand companies to combine value focus and optimization to update their pricing strategy



- Reasonable prices, in line with the value perception of consumers
- Simplicity of offers and prices and creation of new offerings
- Increasing price transparency and consistence
- No misuse of a dominant market position
- Consideration of social and environmental values
- Personalization of offers, prices and promotions

OPTIMIZATION

TOUGHER ECONOMIC CONDITIONS REQUIRE....

- Pricing flexibility to react to variations in demand and supply
- Quick reactions to competitor moves
- Management of supplier pricing risks and distribution pressure
- Dynamic pricing to adapt to the consumer willingness-to-pay
- Differentiated prices by distribution channel
- Artificial intelligence and analytics to outperform the market

The right analytics and technology is critical

What does a value driven and optimized pricing strategy look like?

With the right technology and analytics strategy, organizations can:

 \bigcirc

Centralize pricing data to enable a more **proactive**, **informed**, **and efficient pricing strategy**

.....

Use real-time insights to discover opportunities for driving growth, profit improvement, and price optimization

Streamline and improve

decision-making with

greater pricing and

investment visibility



.....

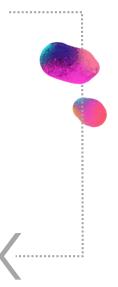
Accelerate response to

consumer changes, disruptive competitors, and changing market trends

Optimize promotional

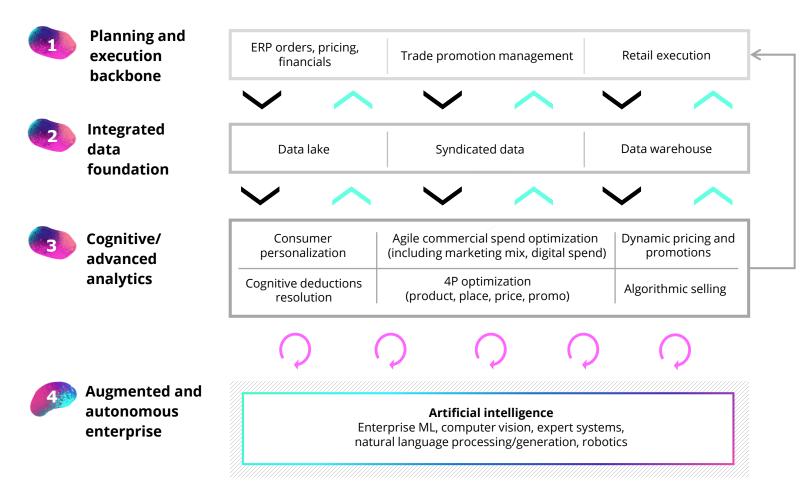
effectiveness, agility,

and ROI



Empower the commercial organization

Equip all levels of the organization with actionable, consumer-centric insights needed to win in the post C-19 marketplace



Strengthen the **foundational systems** that run the **backbone of the business:** planning and execution

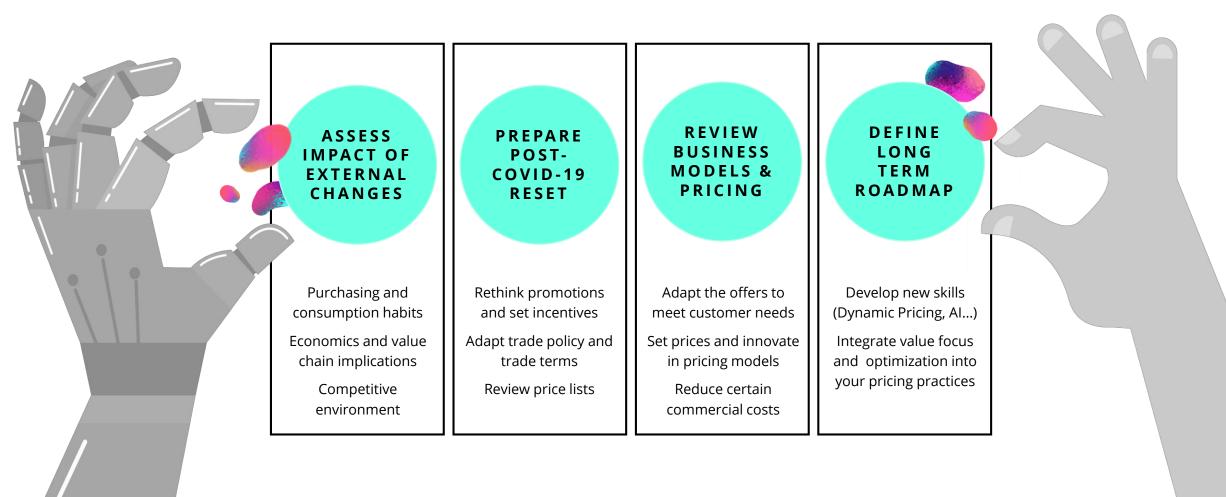
One source of truth: Move from data rich to data connected, enabling the generation of faster, more granular, and better connected access and insights to be consumer-obsessed and customerfocused

Compete with industry peers through **real-time insights** leveraging the latest in cognitive technologies to predict and optimize, ultimately **feeding back** to automate planning and execution

Over time, build an **enterprise performance layer** informed by our strategy combined with a **leading artificial intelligence fabric** to proactively **augment decision-making** and drive **next level automation**

Should we talk?

How Deloitte can help you to manage pricing in times of uncertainty



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Thank you.

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