

Insurance bEYond 2020

How to stay relevant?

September 2020





EXEC Summary

The insurance market is increasingly challenged by tough macro-economic conditions e.g. unprecedented monetary policy, reduced economic growth rates and global instability. Most German insurance companies performed below industry average in recent years. Global economic damage of current COVID-19 pandemic and impact on insurance industry is uncertain.

> Disruptive technologies and concepts like IoT, 5G, Artificial Intelligence, Cloud Computing, 3D printing and open insurance change vital parts of the traditional value chain and product portfolio. Insurers need to adapt, invest or cooperate to keep pace. Recent Corona Crisis underpins the need to develop further digital capabilities/assets and will fundamentally change the way of working.

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In future, smart usage of data will enable companies to further maximize sales, reduce costs and manage risks. Product innovation will help mitigate sales reduction due to various exogenous factors. Value chain optimization will support in keeping pace with specialized providers and client experience improvements will retain - as well as win new - customers.

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Market participants and sales channels will gradually change. Consolidation among insurers is expected to continue and specialized providers will tap parts of the value chain. Non-digital tied agents are still the dominant salesforce in retail business, but will shift towards a digitally enabled salesforce and platform economy. Current Corona Crisis will increase pressure to digitalize salesforce.

Increasing competition in a saturated market, constantly changing regulatory requirements, evolving customer needs and new socioeconomic factors even further accelerate the need to adapt in a changing market place.



Local and foreign insurance companies have started to react to the challenges by acquiring or investing into innovative companies to secure intellectual property, building their own innovation centers and ecosystems as well as cooperating with tech companies to stay relevant in the future market place.

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Insurance industry – Status quo

What we did...

Factors driving the agenda of insurers

Hypotheses on possible changes in near future

Expected changes in a future market model

Key areas where we support insurers to stay relevant



Insurance industry continues to face an era of tough economic conditions: low interest, low growth, global uncertainty

"Global market turmoil and re-evaluation of global assets due to Corona Crisis. Central banks around the world initiate unprecedented monetary measures to stabilize the financial system with unknown short and long-term effect"

European Central Bank, Fed, Bank of England and many more, 2020

... insurance companies are the biggest institutional investors in Germany with EUR ~1.7 trillion invested.

GDV, latest figures

 "Highly uncertain market conditions 2020ff. Damage of Corona Crisis to Top and Bottom Line of insurers not measurable yet. Insurance companies have to challenge their existing risk models, product landscape and digital capabilities to ensure business continuity"

EY outlook

... so far the Germany insurance market saw steady profitable growth between 2014-2019. 2020ff highly uncertain. *BaFin/GDV, latest figures, EY outlook*

Besides primary effects like Corona, secondary effects like the impact of the on-off trade war between the US and China is felt across global supply chains. Firms across different industries are adjusting their operations to minimize the impact of further potential tariffs.

... Germany is a main beneficiary of globalization. This economic openness is now turning into a vulnerability as the era of globalization turns into one of protectionism and economic nationalism.

Bloomberg

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Swiss Re

German insurance market: In the last years, a decreasing number of licensed insurance companies with smaller workforce generated rising gross premiums



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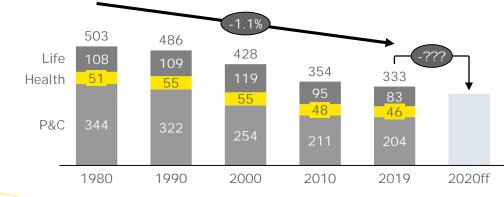
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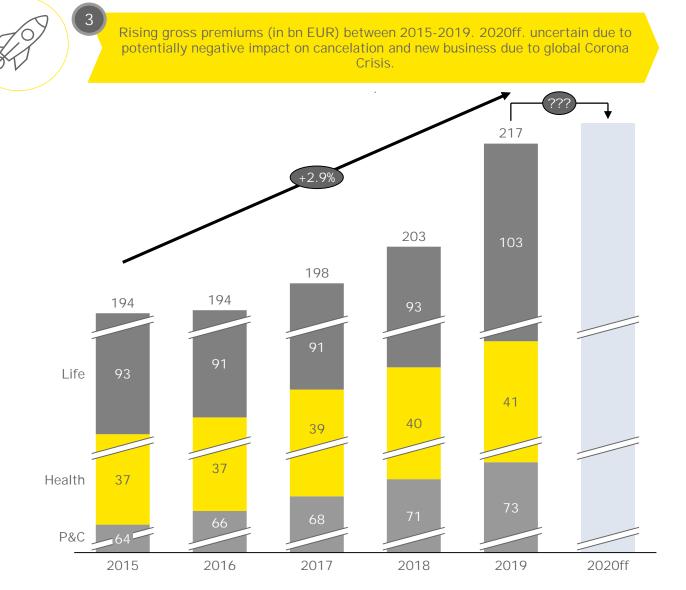
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Number of registered insurers decreased in the last decades. While consolidation pressure forced participants out of the market, there were also some new companies registered recently – especially in the area of digital insurers. Trend expected to continue in 2020ff.



Decreasing number of employed (in thousands) and self-employed workers in the German insurance industry. Trend expected to continue in 2020ff.





Insurance Market



- Insurance industry Status quo
 - What we did...
 - Factors driving the agenda of insurers
 - Hypotheses on possible changes in near future
 - Expected changes in a future market model
 - Key areas where we support insurers to stay relevant

What we did

...analyzed key factors driving the agenda of insurers going forward

By analyzing the latest trends, we identified 5 major areas putting pressure on established insurance business models





...framed 10 hypotheses leading to changes within the industry

Based on the identified areas we determined 10 hypotheses and their likely industry implications

> Digitized interfaces and mobil based end to end experiences

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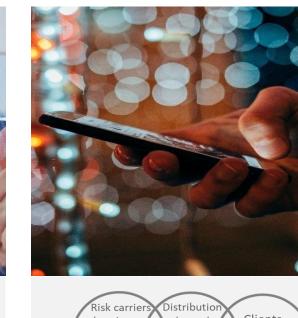
...captured expected changes in a future market model

Trends likely to reshuffle the existing market model

...defined key areas where we can support insurers to stay relevant

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Concrete dedicated actions which need to be discussed to stay relevant in the insurance market of the future





Risk carriers Distribution /product provider

Insurance of the future

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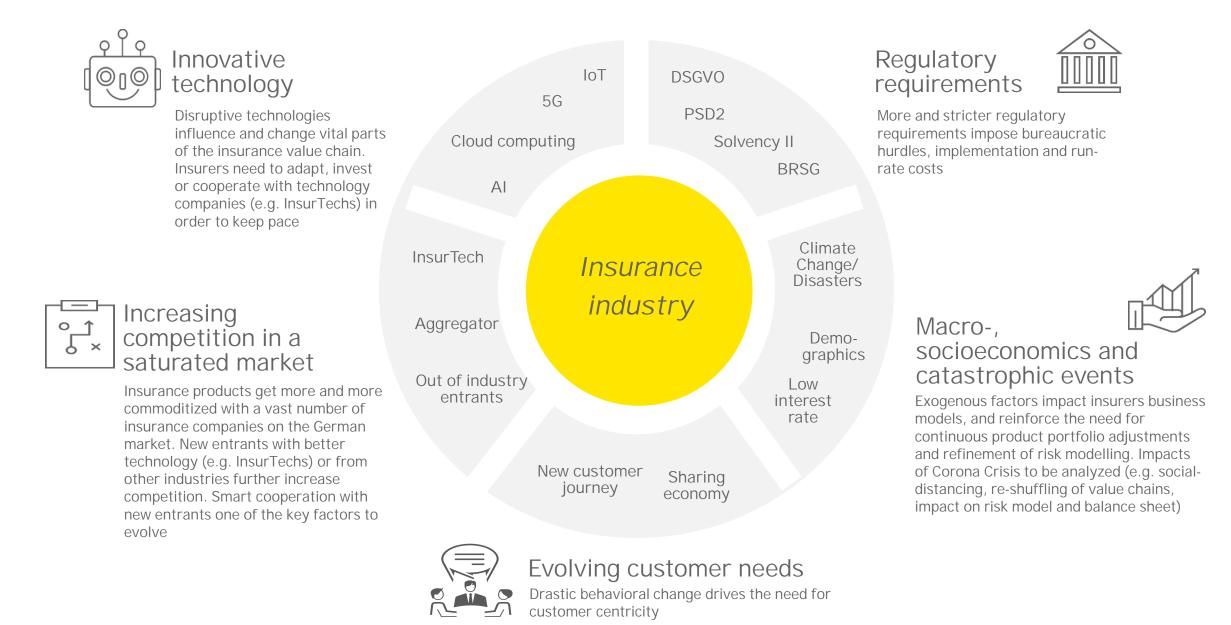
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Several factors increasingly put pressure on established insurers



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10 hypotheses on possible changes in the near future (1/2)

	Regulatory changes		Macro- and socioeconomics	Evolving Customer needs	Increasing Competition	ΥΥΥ Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο Ο	
	Factors	Ø	Hypotheses	-`Ų́-	Challenges		
1	Global monetary policy		Declining investment results increasingly force insurers to optimize cost structures, products and asset allocation. Unprecedented monetary measures create additional challenge		Insurers forced to turn around negative technical results and rethink their products while cutting costs. Impact of Corona Crisis potentially huge		
2	Market consolidation	B	Since 2000, no. of insurance companies decreased by ca. 20% - trend expected to continue while new licensed challengers emerge. Insurance brokers to be impacted as well		Adaption of strategy (M&A, Value creation) to take advantage and be prepared for expected market consolidation		
3	Specialized providers		Solution specialists (e.g. InsurTechs or companies) are more and more conquinsurers e.g. in products, claims, distr	ering the value chain of	Market participants forced to own value chain efficiency. Ke cost and service problems		
4	"Self-owned" digital ecosystems		A significant share of insurance produ digital ecosystems. Digital assets incre relevant		Find ways for successful partic ecosystems and create meaning term value	. 0	
5	Converging/Cross- industry ecosystems		Other sectors increasingly start selling commerce, health, automotive, housin economy	· · · ·	Market participants need to fin other sectors/open market pla opportunities	5 0	

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	Regulatory changes		Macro- and socioeconomics	Increasing Competition				
F	actors	Ø	Hypotheses - ݣْݣ	Challenges				
	Customer Experience	8	Other industries set standards in convenient user experience; insurers are still lacking behind. Social distancing paradigm will speed up need for fully digital service offering	Companies need to provide a solid digital customer experience to avoid loosing access to clients				
7 C	lient interfaces	Sept.	Customers increasingly do online research before buying online or offline. Social distancing paradigm will speed up need for fully digital service offering	Adaption of client interfaces and client interaction to match future customer needs				
	Distribution channel nix		Disruptive changes will significantly transform the distribution of commoditized insurance products. Market participants which are offering commodity products and not able to capitalize on new and innovative distribution channels will disappear step by step	Shift from face to face dominated sales culture to omni- channel distribution - including digital end-to-end insurance sale - to be managed efficiently				
9 P	Product innovation		Need for product innovations due to changing client behavior, new ways of distribution, adverse weather conditions, growing cyber risks and cross-industry cooperation	Older product generations become more and more problematic while product innovations are likely to come with additional complexity				
10 D	ata excellence	B	Data excellence will be a key differentiating factor for sales maximization, cost reduction and risk management. Emergence of AI and API economy	Market participants need to find ways to handle data correctly and exploit insights derived from data in meaningful ways				

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Unprecedented monetary measures by central banks create additional uncertainty and force insurers to optimize each position in their Profit & Loss



- Insurance business was used to generate enough investment income with customer funds to compensate for negative technical results. Since 2008, the world is confronted with a historically low yield environment which threatens this principle
- Since 2014, the ECB Market interest rate is historically low and shows no signs of recovery. Insurance companies struggle to find suitable reinvestment opportunities pressuring their results. Latest Corona Crisis lead to unprecedented monetary measures globally which possibly enforces this trend and also creates additional risks in insurers balance sheets

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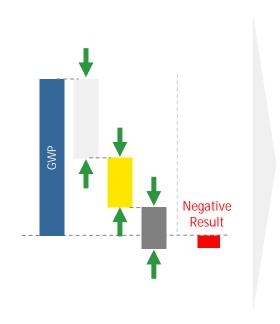
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the industry

Growing profitability pressure due to low interest rate environment

- The market interest rate and guaranteed return of life insurance products have steadily declined
- Market interest rate and guaranteed return historically low. Unprecedented monetary measures in place





Consequences Insurance companies are forced to compensate for missing investment results: Improved claims ratios (e.g. through more precise risk management) Lower distribution costs (e.g. through precise risk management)

...captured expected

changes in a future market

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- digitally enabled salesforce and ecosystem economy)
- Improved operations (e.g. modern core insurance systems or outsourcing to specialized providers)
- Balance Sheet/Risk portfolio analysis to understand short-/long-term impact of current Corona Crisis

Key takeaway

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Under the current low interest rate environment, investment income might remain below the desired level and insurance companies are forced to compensate for missing investment results by optimization of their cost structure. Risk/Balance sheet exposure to be analyzed in context of current Corona Crisis

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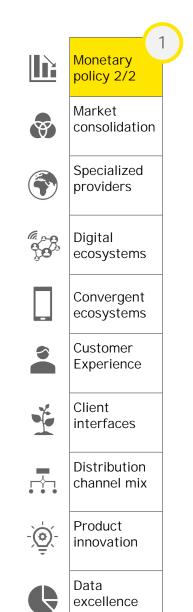
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Low guaranteed return and long duration of life insurances are no longer attractive to consumers



Life insurance products are losing their allure as they are finding themselves increasingly in competition with alternative models of pension plans introduced by asset managers, fund providers and banks

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The poor positioning of life insurance product offerings within the insurance market is resulting in falling demand and decreased resiliency over changing industry and customer dynamics

Growing profitability pressure due to low interest rate environment

- The market interest rate and guaranteed return of life insurance products have steadily declined
- Market interest rate and guaranteed return historically low. Unprecedented monetary measures in place





What insurers are doing

...captured expected

changes in a future market

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...defined key areas where

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- Traditional life insurance products become obsolete, and capital market related products are more common
- The industry is shifting to unit-linked products and capital-light products (lower or no guarantees)
- Acknowledging the option to sell life insurance portfolios to run-off specialists
- Insurers still well positioned in the "savings business", but need to find strategies to maintain their position as attractiveness of life insurance products decline vs. alternative models
- Transition away from life insurance heavy product portfolio or target different products in life insurance

Key takeaway

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Life insurers (or insurance groups with life insurance focus) failing to adapt their product portfolio to the low interest rate environment will face material challenges to their existence. Asset managers, banks and other pension solution providers are taking over the role of traditional life insurance providers

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and intensifies the ongoing consolidation



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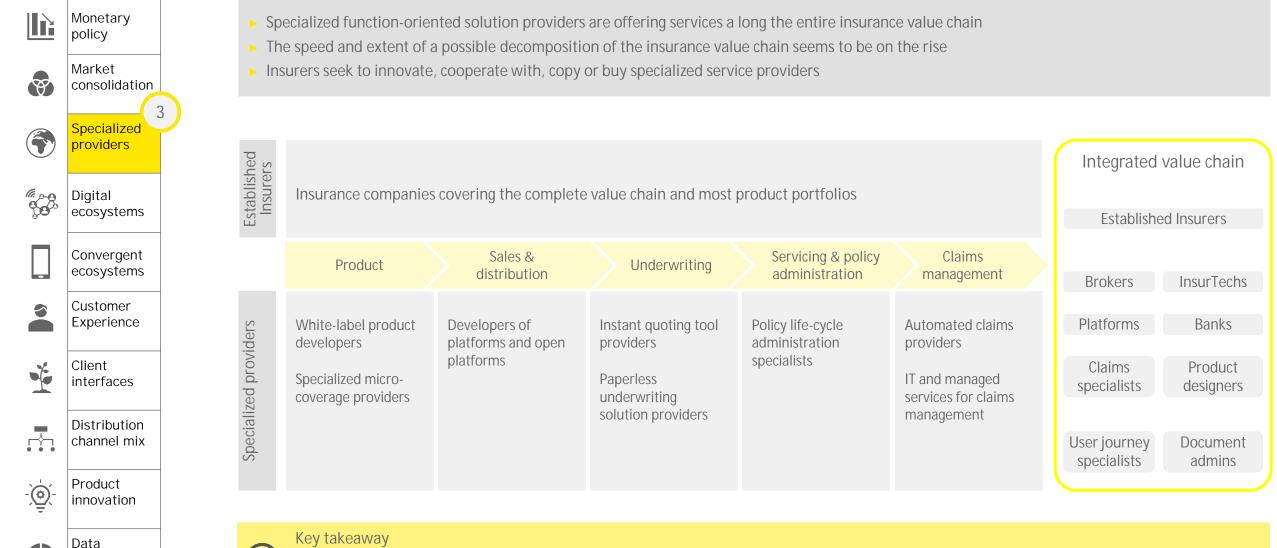


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Specialized solution providers focusing on distinct parts of the insurance value chain are expanding



Scalable cost reduction and effective capability improvement motivate established insurance companies to explore joint opportunities with function-oriented specialists. Many insurers are undergoing strategic acquisitions and cooperation activities with these solution providers

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Integrated ecosystems with insurance and complementary services are shaping a one-stop-shop

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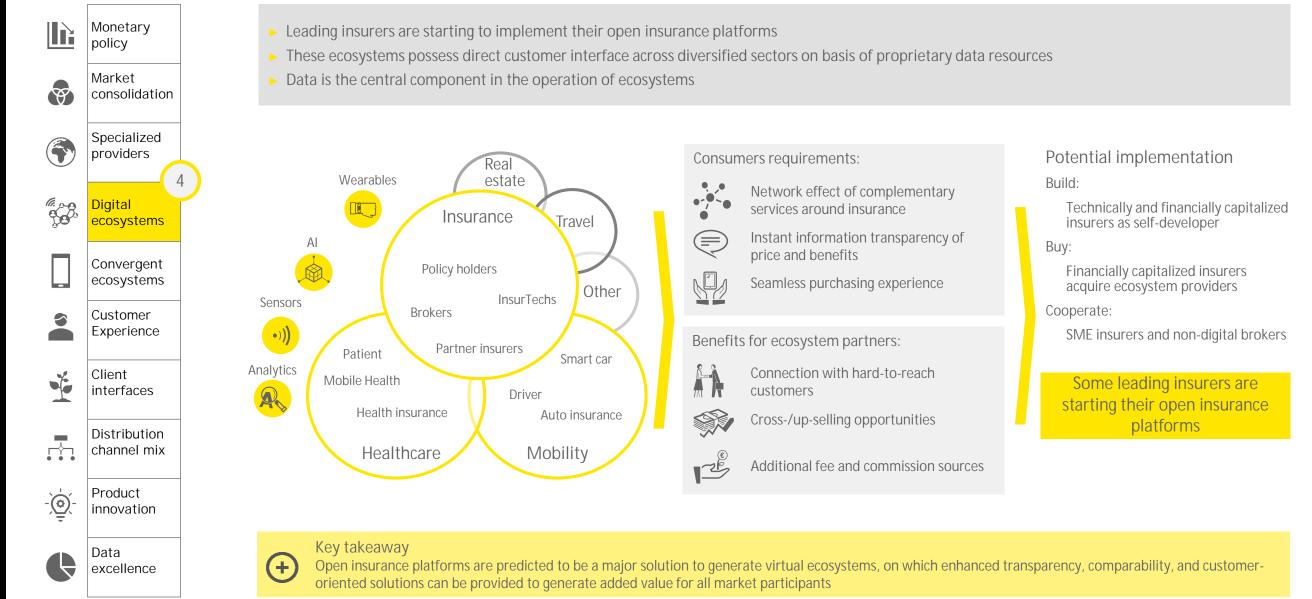
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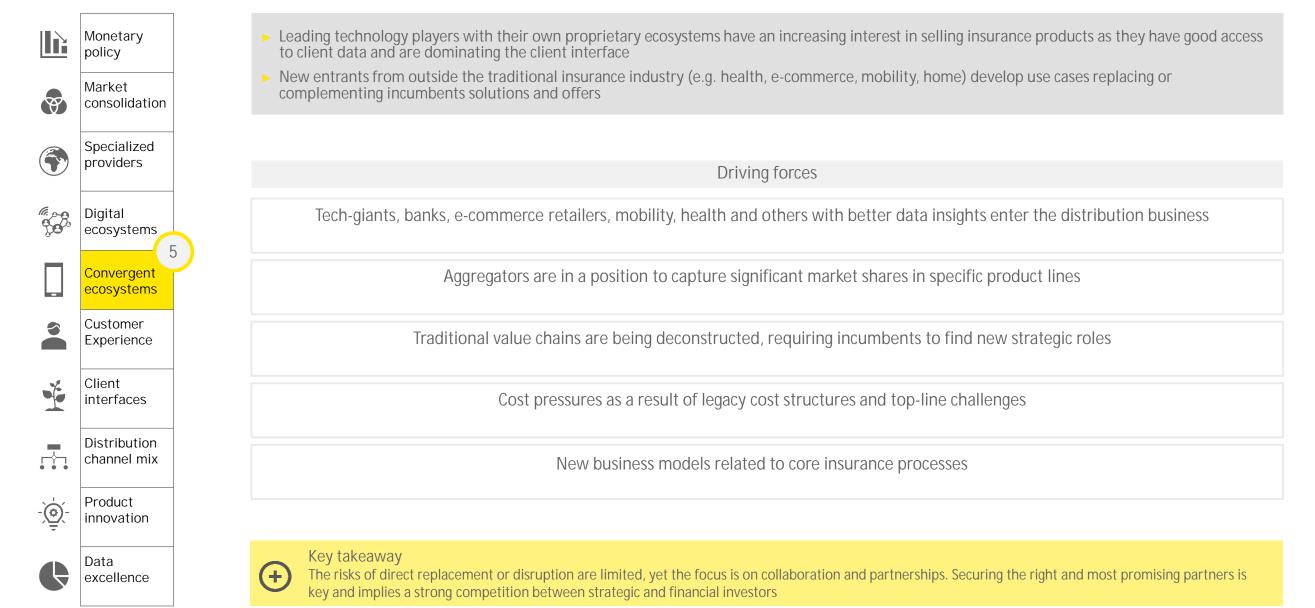
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Players with better data insights are generating new insurance business models that benefit from growing adoption



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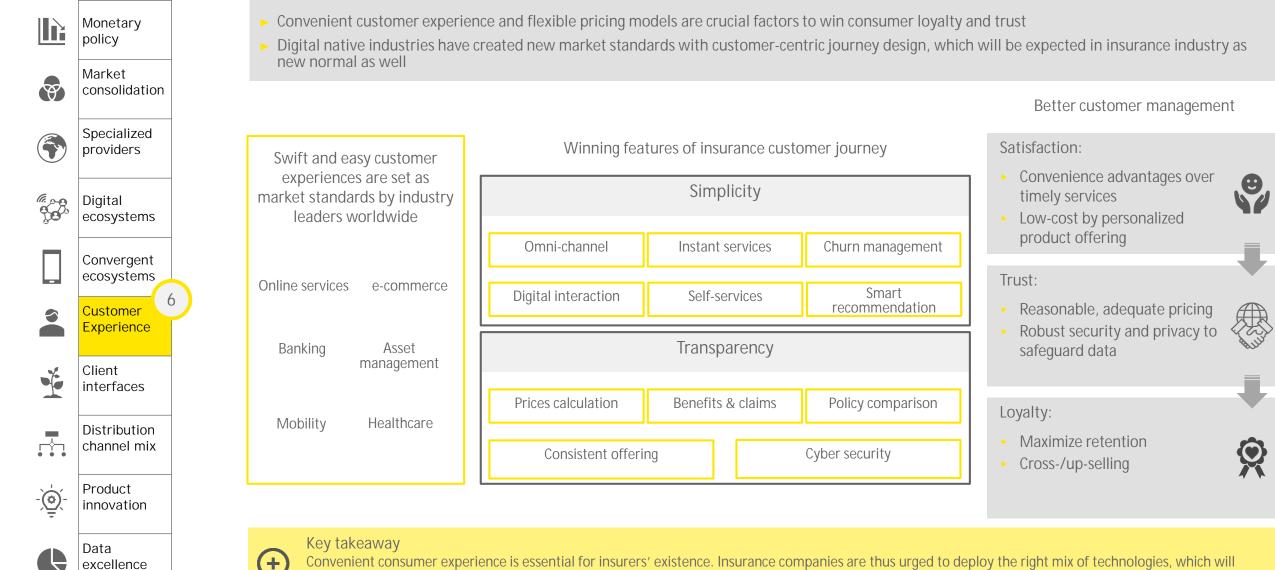
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Seamless customer experience and new market standards are expected in insurance industry in the near future



Convenient consumer experience is essential for insurers' existence. Insurance companies are thus urged to deploy the right mix of technologies, which will facilitate insurance companies in retaining existing policy holders and attracting new customers

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Source: EY Analysis, Cassini

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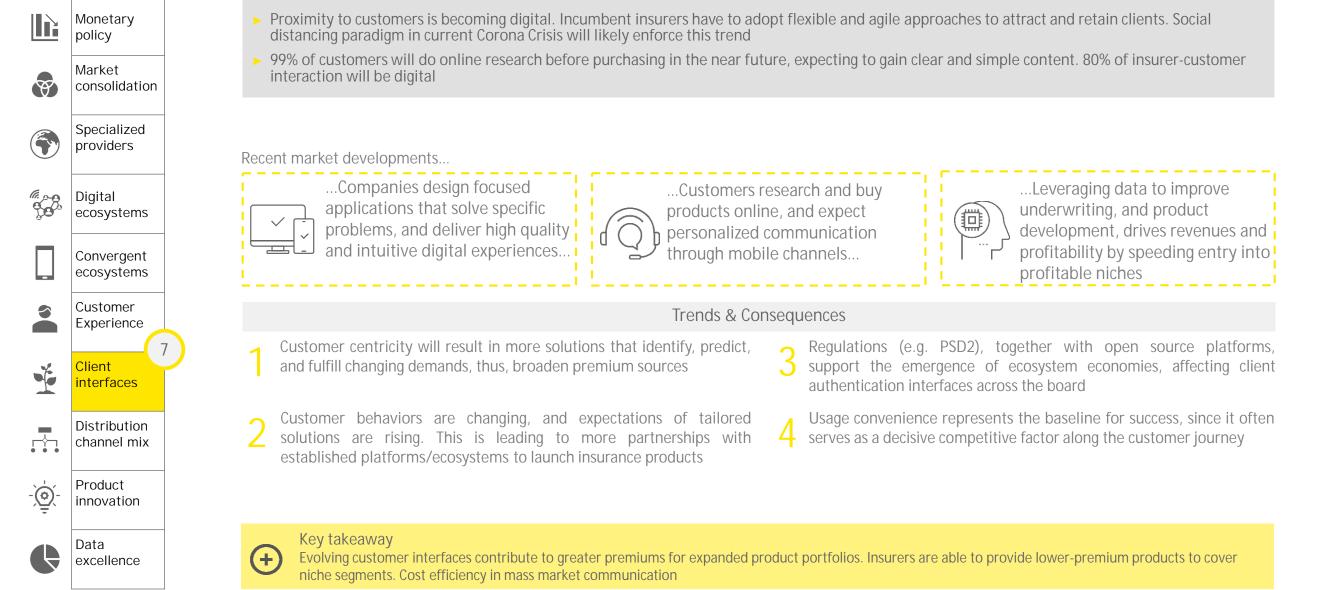
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In addition to brand and product differentiation, intuitive interfaces serve as a source of critical user data



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Tied agents and brokers will continue to consolidate and be further embedded in an omni-channel sales approach

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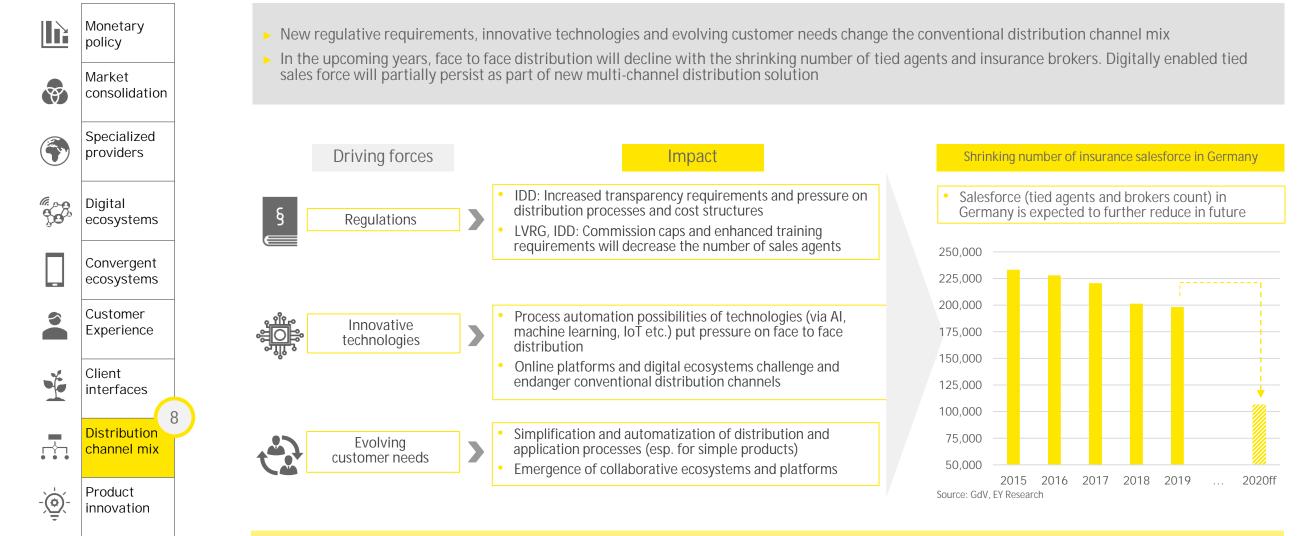
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Key takeaway

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Consolidation of traditional salesforce already ongoing. Disruptive changes will significantly transform the distribution of commoditized insurance products. Market participants which are offering commodity products and not able to capitalize on new and innovative distribution channels will disappear step by step

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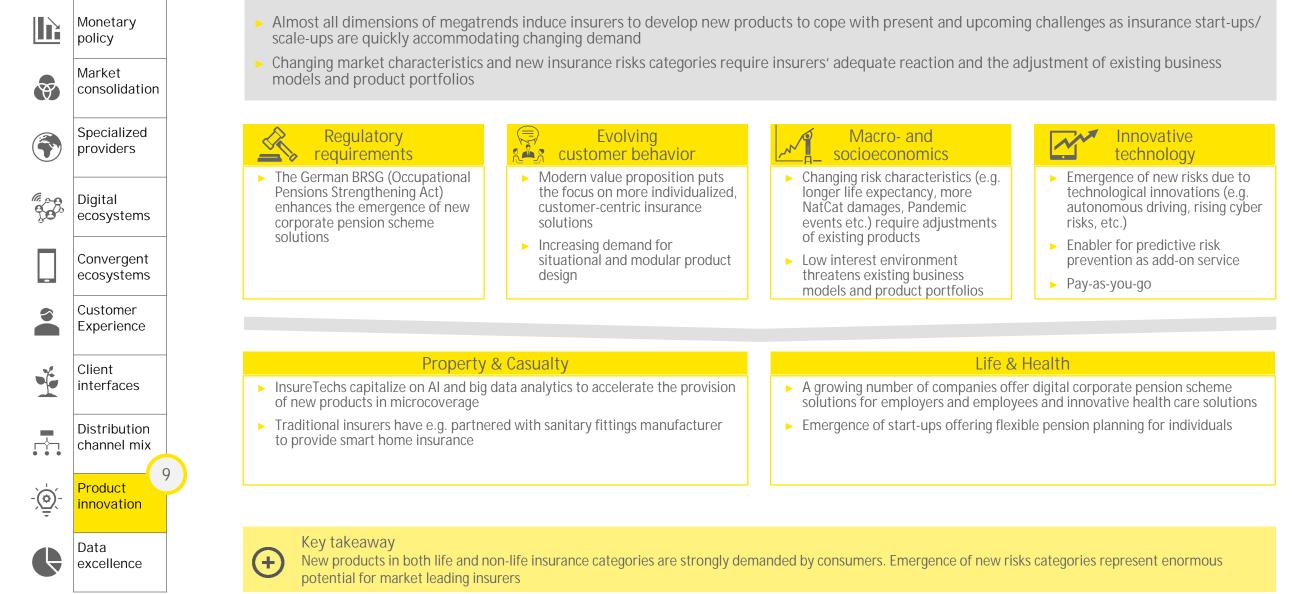
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Individualized and adaptive insurance and pension solutions replace traditional array of insurance offerings



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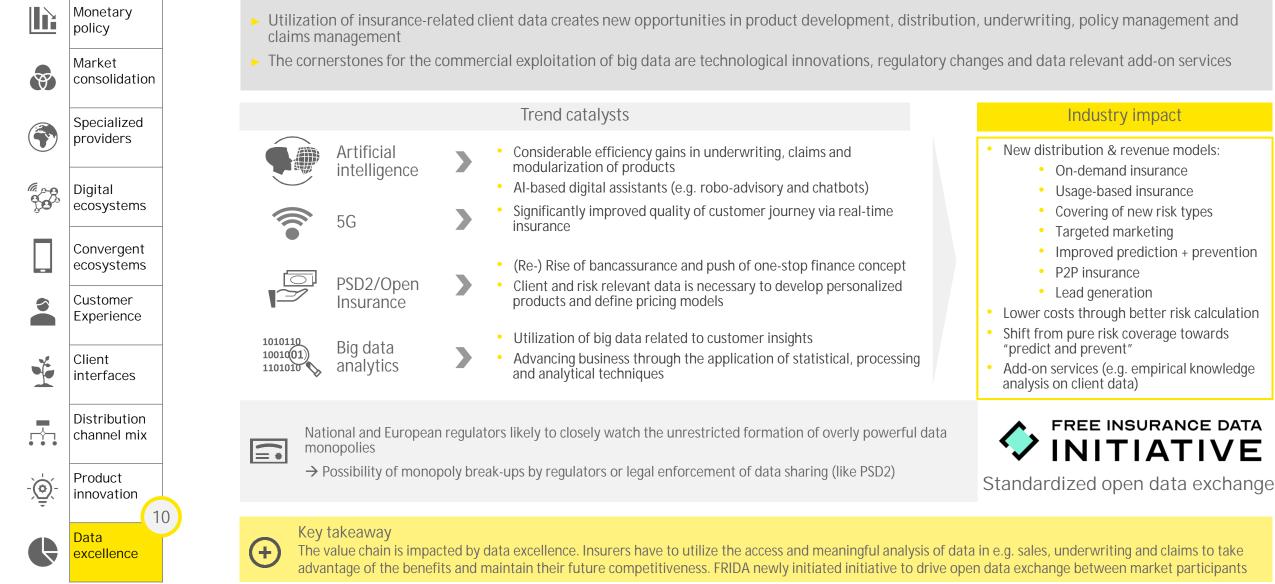
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Access to data creates opportunity in all parts of the value chain



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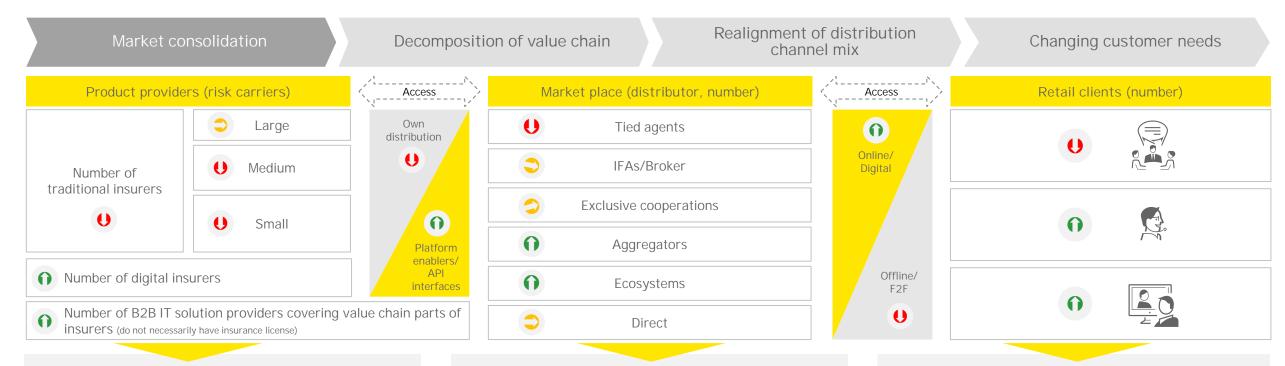
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InsurLab Germany Digitalization and the need for customer centricity will reshuffle the insurance market place in the near future



- Only a few larger insurers will be able to successfully keep a broader product range and a strong omnichannel distribution mix under one roof
- Mid-sized and smaller players will tend to make use of external distribution channels (such as API interfaces), while focusing on core products
- Some small and mid-sized insurers lacking own distribution capacities are likely to become pure product providers for third party distributors

- Distribution will shift from offline to multi-channel, especially for commoditized products
- Classic tied agent F2F advice will decline but will stay relevant for complicated products and older generations; IFAs have to upgrade technology stack
- Bancassurance partnerships or partnerships with other industries will remain relevant, with higher number of client touchpoints throughout the year
- Aggregators / Ecosystems to mature and will further increase market share

 Average retail clients will become more educated and self-directed with an ability to navigate online and understand the basics of insurance products

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- Real-time interaction will put customers in control and improve conversion rates
- Online self research will be widely spread while still a number of Germans will purchase offline (ROPO)
- Corona Crisis enforces new social behavior and fuels the need for fully digital sales capabilities

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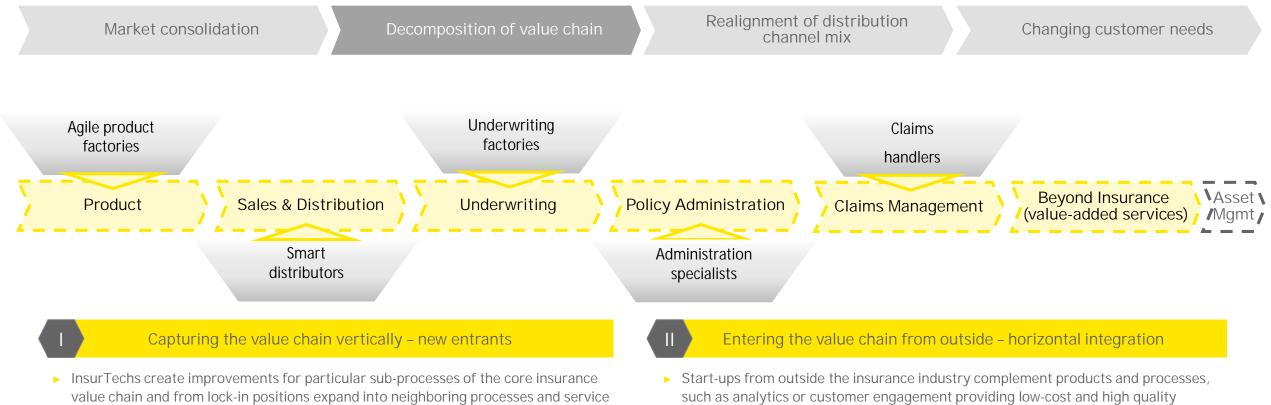
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Incumbent value chains are decomposed by new entrants and established players



- offerings With the emergence of digital ecosystems, incumbents need to manage portfolio
- partners more efficiently and strategically in order to retain control of their value creation and proposition
- improvements to incumbent offerings
- Vendors may in some cases obtain dominance in areas such as customer ownership, value-added service networks, data value creation and others





Key takeaway

Value chain decomposition is a stepwise process requiring careful portfolio and capability management

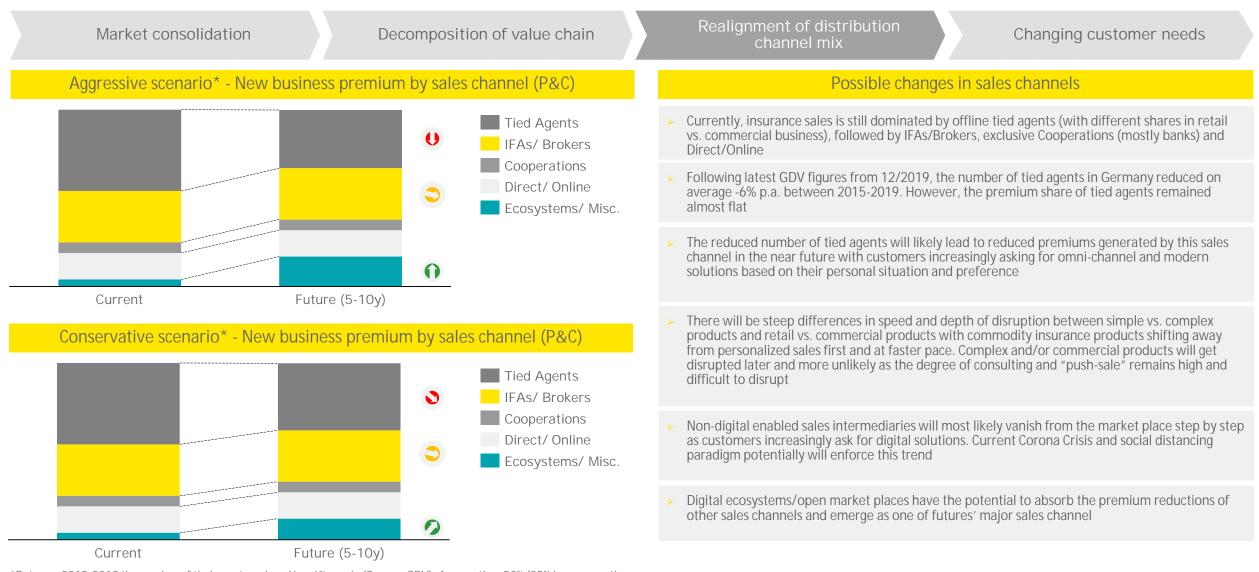
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Channel mix changes - A tied agent and face to face dominated sales culture converts towards an omni-channel approach with ecosystems entering the arena



*Between 2015-2019 the number of tied agents reduced by -6% yearly (Source: GDV). Assumption: 50% (25% in conservative scenario) of this reduction will also convert towards premium reduction of this sales channel and gets absorbed by disruptive sales channels e.g. ecosystems.

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Changing customer needs are pushing for new industry standards

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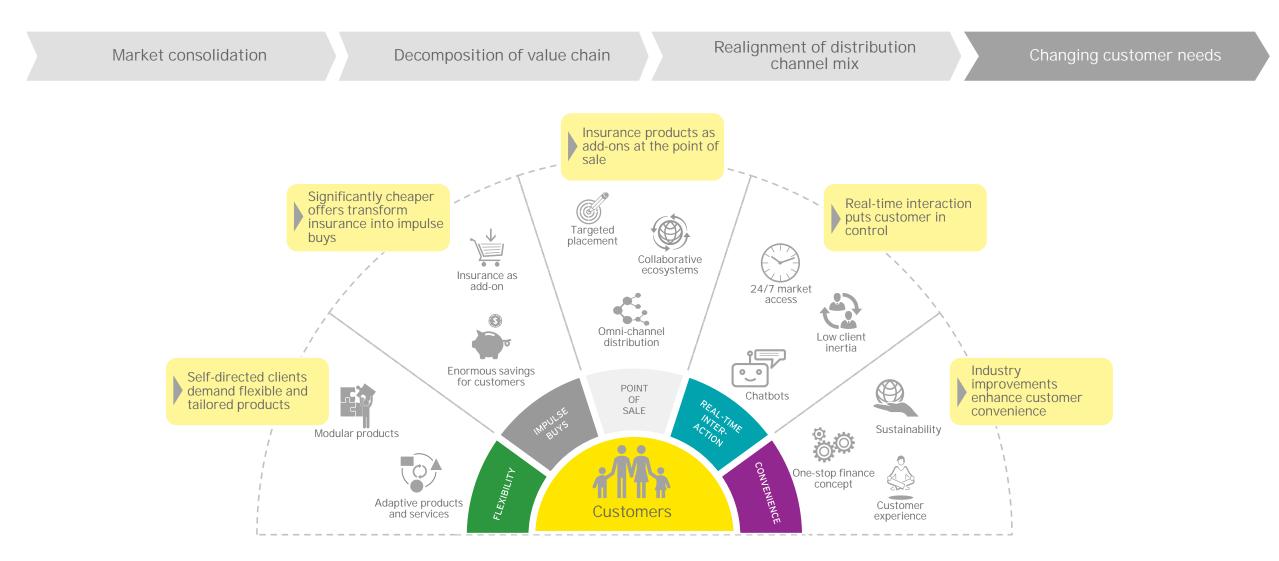
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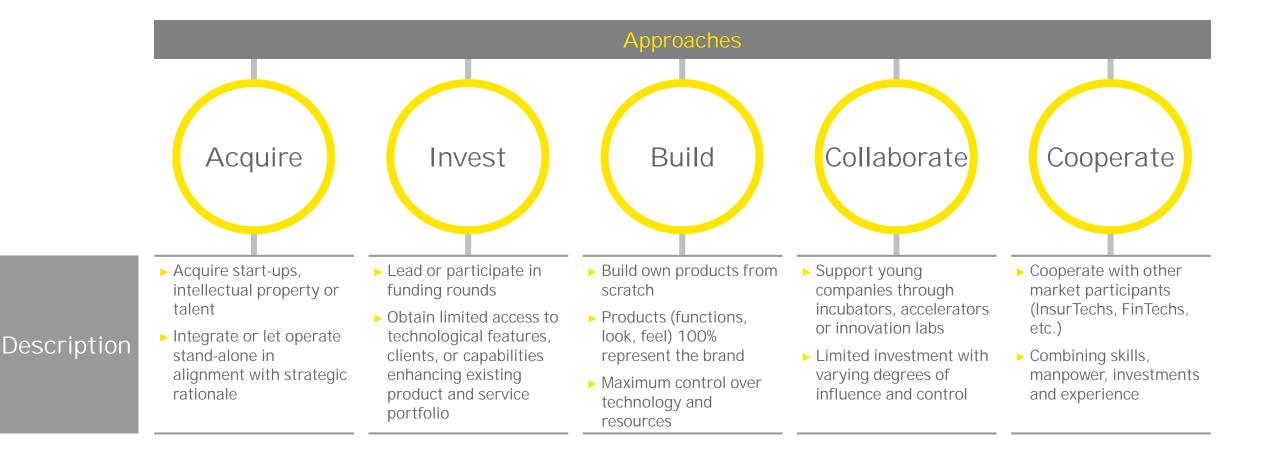


Key takeaway

Clients will be looking even more stringently for best combination of convenience, flexibility, price and trust



Incumbents leverage different approaches to collaborate and compete



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About EY and InsurLab Germany

About EY

- EY is a global leader in assurance, tax, transaction and advisory services and a driving force in financial service innovation. The insights and quality services we deliver help build trust and confidence in the capital markets and in economies all over the world. In doing so, we play a critical role in building a better working world for our people, for our clients and for our communities.
- EY supports start-ups with financing and growth, runs several accelerator programs, helps fostering partnerships and publishes studies around the FinTech landscape. We are also actively participating in the scene by providing speakers and mentorship. Our experts offer decades of experience in the financial service industry and we are a member of InsurLab Germany since day 1.
- We are a competence center for financial services innovation get in touch!

About InsurLab Germany

- The industry initiative InsurLab Germany was founded in 2017 by the city of Cologne, IHK Cologne, University of Cologne, TH Cologne, established insurance companies and start-ups.
- The aim of InsurLab Germany is to advance innovation and digitalization in the insurance industry, in order to actively shape the future of the industry with new impulses and new ways of working.
- Within the Digital Hub Initiative, set up by the Federal Ministry of Economics and Energy, InsurLab Germany forms the location of competence for InsurTech in Cologne.
- Currently, 84 members belong to the association. Among them are many well-known insurance companies, universities, leading service providers and start-ups.

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