Opting in: Using IoT connectivity to drive differentiation

The Internet of Things in insurance

A research report from the Deloitte Center for Financial Services

An article in Deloitte’s series examining the nature and impact of the Internet of Things
About the authors

**Michelle Canaan** is a manager with the Deloitte Center for Financial Services in New York. With a background in the financial services industry, Canaan joined Deloitte’s Capital Markets practice in November 2000. For 12 years, she served as a subject matter specialist for Deloitte’s Market Intelligence group, with a focus on the insurance sector. She now produces insurance-related thoughtware for the Center. Her most recent pieces are *Small-business insurance in transition: Agents difficult to displace, but direct sellers challenge status quo* and *Covering all the bases: Overcoming behavioral biases to help achieve retirement security*.

**John Lucker** is an advisory principal with Deloitte & Touche LLP, Global Advanced Analytics & Modeling market leader, and a US leader of Deloitte Analytics. As an analytics strategist and evangelist, Lucker leads the innovation and delivery of high-value, end-to-end proprietary services for strategic, operational, and technical analytic solutions in numerous industries and topical domains including Internet of Things (IoT), telematics, risk sensing, regulatory and compliance monitoring, soft fraud detection, and numerous other business challenges with analytics at their core. His most recent pieces were *IoT’s about us: Emerging forms of innovation in the Internet of Things* and *Running on data: Activity trackers and the Internet of Things*.

**Bram Spector** is a managing director in Deloitte Consulting LLP’s Insurance Actuarial practice, focused on improving clients’ profitability through the application of advanced actuarial and analytical modeling techniques in the group, voluntary, and worksite sector. As an actuary focused on improving business processes, Spector works extensively with his clients on how to use existing and emerging data sources to enable data-driven decisions and improve underwriting and claims outcomes.

Deloitte’s Internet of Things practice enables organizations to identify where the IoT can potentially create value in their industry and develop strategies to capture that value, utilizing the IoT for operational benefit.


Contents

Insurers’ path to growth: Embrace the future  |  2

With change comes challenges  |  6

Examining the IoT through an insurance lens  |  8

Auto insurance and the value loop  |  10

The future ain’t what it used to be—what should insurers do?  |  15

Endnotes  |  17

Acknowledgements  |  19

Contacts  |  20
In 1997, Progressive Insurance pioneered the use of the Internet to purchase auto insurance online, in real time. In a conservative industry, Progressive’s innovative approach broke several long-established trade-offs, shaking up traditional distribution channels and empowering consumers with price transparency.

This experiment in distribution ended up transforming the industry as a whole. Online sales quickly forced insurers to evolve their customer segmentation capabilities and, eventually, to refine pricing. These modifications propelled growth by allowing insurers to serve previously uninsurable market segments. And as segmentation became table stakes for carriers, a new cottage industry of tools, such as online rate comparison capabilities, emerged to capture customer attention. Insurers fought to maintain their competitive edge through innovation, but widespread transparency in product pricing over time created greater price competition and ultimately led to product commoditization. The tools and techniques that put the insurer in the driver’s seat slowly tipped the balance of power to the customer.

This case study of insurance innovation and its unintended consequences may be a precursor to the next generation of digital connectivity in the industry. Today, the availability of unlimited new sources of data that can be exploited in real time is radically altering how consumers and businesses interact. And the suite of technologies known as the Internet of Things (IoT) is accelerating the experimentation of Progressive and other financial services companies. With the IoT’s exponential growth, the ways in which citizens engage with their cars, homes, and bodies are getting smarter each day, and they expect the

The IoT is fundamentally a technology architecture stitching together existing technologies in a specific way so that new benefits can be achieved.

Opting in: Using IoT connectivity to drive differentiation
businesses they patronize to keep up with this evolution. Insurance, an industry generally recognized for its conservatism, is no exception.

IoT technology may still be in its infancy, but its potential to reshape the way insurers assess, price, and limit risks is already quite promising. Nevertheless, since innovation inevitably generates unintended possibilities and consequences, insurers will need to examine strategies from all angles in the earliest planning stages.

To better understand potential IoT applications in insurance, the Deloitte Center for Financial Services (DCFS), in conjunction with Wikistrat, performed a crowdsourcing simulation to explore the technology’s implications for the future of the financial services industry. Researchers probed participants (13 doctorate holders, 24 cyber and tech experts, 20 finance experts, and 6 entrepreneurs) from 20 countries and asked them to imagine how IoT technology might be applied in a financial services context. The results are not an exhaustive compilation of scenarios already in play or forthcoming but, rather, an illustration of several examples of how these analysts believe the IoT may reshape the industry.²

Connectivity and opportunity

Even this small sample of possible IoT applications shows how increased connectivity can generate tremendous new opportunities for insurers, beyond personalizing premium rates. Indeed, if harnessed effectively, IoT technology could potentially boost the industry’s traditionally low organic growth rates by creating new types of coverage opportunities. It offers carriers a chance to break free from the product commoditization trend that has

---

**Figure 1. Examples of how IoT technology may reshape the insurance industry**

- **Movement toward usage-based insurance models** will likely decrease risk and reduce claim numbers and volume.
- **Insurance companies** could not only monetize risk, but also work with appliance, automobile, and other equipment manufacturers to reduce actual risk.
- **Loss rates should decrease markedly.**
- **Opportunity exists to develop and price real-time micro insurance packages** to meet shifting demand.

Source: DCFS analysis based on crowdsourcing exercise with Wikistrat.

Graphic: Deloitte University Press | DUPress.com
left many personal and commercial lines to compete primarily on price rather than coverage differentiation or customer service.

For example, an insurer might use IoT technology to directly augment profitability by transforming the income statement’s loss component. IoT-based data, carefully gathered and analyzed, might help insurers evolve from a defensive posture—spreading risk among policyholders and compensating them for losses—to an offensive posture: helping policyholders prevent losses and insurers avoid claims in the first place. And by avoiding claims, insurers could not only reap the rewards of increased profitability, but also reduce premiums and aim to improve customer retention rates.

Several examples, both speculative and real-life, include:

- Sensors embedded in commercial infrastructure can monitor safety breaches such as smoke, mold, or toxic fumes, allowing for adjustments to the environment to head off or at least mitigate a potentially hazardous event.

- Wearable sensors could monitor employee movements in high-risk areas and transmit data to employers in real time to warn the wearer of potential danger as well as decrease fraud related to workplace accidents.

- Smart home sensors could detect moisture in a wall from pipe leakage and alert a homeowner to the issue prior to the pipe bursting. This might save the insurer from a large claim and the homeowner from both considerable inconvenience and losing irreplaceable valuables. The same can be said for placing IoT sensors in business properties and commercial machinery, mitigating property damage and injuries to workers and customers, as well as business interruption losses.

- Socks and shoes that can alert diabetics early on to potential foot ulcers, odd joint angles, excessive pressure, and how well blood is pumping through capillaries are now entering the market, helping to avoid costly medical and disability claims as well as potentially life-altering amputations.

Beyond minimizing losses, IoT applications could also potentially help insurers resolve the dilemma with which many have long wrestled: how to improve the customer experience, and therefore loyalty and retention, while still satisfying the unrelenting market demand for lower pricing. Until now, insurers have generally struggled to cultivate strong client relationships, both personal and commercial, given the infrequency of interactions throughout the insurance life cycle from policy sale to renewal—and the fact that most of those
interactions entail unpleasant circumstances: either deductible payments or, worse, claims. This dynamic is even more pronounced in the independent agency model, in which the intermediary, not the carrier, usually dominates the relationship with the client.

The emerging technology intrinsic to the IoT that can potentially monitor and measure each insured’s behavioral and property footprint across an array of activities could turn out to be an insurer’s holy grail, as IoT applications can offer tangible benefits for value-conscious consumers while allowing carriers to remain connected to their policyholders’ everyday lives. While currently, people likely want as few associations with their insurers as possible, the IoT can potentially make insurers a desirable point of contact. The IoT’s true staying power will be manifested in the technology’s ability to create value for both the insurer and the policyholder, thereby strengthening their bond. And while the frequency of engagement shifts to the carrier, the independent agency channel will still likely remain relevant through the traditional client touchpoints.

By harnessing continuously streaming “quantified self” data, using advanced sensor connectivity devices, insurers could theoretically capture a vast variety of personal data and use it to analyze a policyholder’s movement, environment, location, health, and psychological and physical state. This could provide innovative opportunities for insurers to better understand, serve, and connect with policyholders—as well as insulate companies against client attrition to lower-priced competitors. Indeed, if an insurer can demonstrate how repurposing data collected for insurance considerations might help a carrier offer valuable ancillary non-insurance services, customers may be more likely to opt in to share further data, more closely binding insurer and customer.

Leveraging IoT technologies may also have the peripheral advantage of resuscitating the industry’s brand, making insurance more enticing to the relatively small pool of skilled professionals needed to put these strategies in play. And such a shift would be welcome, considering that Deloitte’s Talent in Insurance Survey revealed that the tech-savvy Millennial generation generally considers a career in the insurance industry “boring.” Such a reputational challenge clearly creates a daunting obstacle for insurance executives and HR professionals, particularly given the dearth of employees with necessary skill sets to successfully enable and systematize IoT strategies, set against a backdrop of intense competition from many other industries. Implementing cutting-edge IoT strategies could boost the “hip factor” that the industry currently lacks.
With change comes challenges

While most stakeholders might see attractive possibilities in the opportunity for behavior monitoring across the insurance ecosystem, inevitable hurdles stand in the way of wholesale adoption. How insurers surmount each potential barrier is central to successful evolution.

For instance, the industry’s historically conservative approach to innovation may impede the speed and flexibility required for carriers to implement enhanced consumer strategies based on IoT technology. Execution may require more nimble data management and data warehousing than currently in place, as engineers will need to design ways to quickly aggregate, analyze, and act upon disparate data streams. To achieve this speed, executives may need to spearhead adjustments to corporate culture grounded in more centralized location of data control. Capabilities to discern which data are truly predictive versus just noise in the system are also critical. Therefore, along with standardized formats for IoT technology, insurers may see an increasing need for data scientists to mine, organize, and make sense of mountains of raw information.

Perhaps most importantly, insurers would need to overcome the privacy concerns that could hinder consumers’ willingness to make available the data on which the IoT runs. Further, increased volume, velocity, and variety of data propagate a heightened need for appropriate security oversight and controls.

For insurers, efforts to capitalize on IoT technology may also require patience and long-term investments. Indeed, while bolstering market share, such efforts could put a short-term squeeze on revenues and profitability. To convince wary customers to opt in to monitoring programs, insurers may need to
offer discounted pricing, at least at the start, on top of investments to finance infrastructure and staff supporting the new strategic initiative. This has essentially been the entry strategy for auto carriers in the usage-based insurance market, with discounts provided to convince drivers to allow their performance behind the wheel to be monitored, whether by a device installed in their vehicles or an application on their mobile device.

Results from the Wikistrat crowdsourcing simulation reveal several other IoT-related challenges that respondents put forward. (See figure 2.)

Each scenario implies some measure of material impact to the insurance industry. In fact, together they suggest that the same technology that could potentially help improve loss ratios and strengthen policyholder bonds over the long haul may also make some of the most traditionally lucrative insurance lines obsolete.

For example, if embedding sensors in cars and homes to prevent hazardous incidents increasingly becomes the norm, and these sensors are perfected to the point where accidents are drastically reduced, this development may minimize or eliminate the need for personal auto and home liability coverage, given the lower frequency and severity of losses that result from such monitoring. Insurers need to stay ahead of this, perhaps even eventually shifting books of business from personal to product liability as claims evolve from human error to product failure.

Figure 2. Potential impacts of IoT technology on the insurance industry

As actual risk levels are reduced through smart automation, the requirement for purchasing insurance may also decrease

Shifts on insurance products based on human negligence (e.g., automobile insurance) may be less lucrative than product liability coverage

Privacy and security concerns will need to be addressed

Some risk pools may shrink to levels where those seeking insurance find the pricing has become unaffordable

Source: DCFS analysis based on crowdsourcing exercise with Wikistrat.
Examining the IoT through an insurance lens

Analyzing the intrinsic value of adopting an IoT strategy is fundamental in the development of a business plan, as executives must carefully consider each of the various dimensions to assess the potential value and imminent challenges associated with every stage of operationalization. Using Deloitte’s Information Value Loop can help capture the stages (create, communicate, aggregate, analyze, act) through which information passes in order to create value.

The value loop framework is designed to evaluate the components of IoT implementation as well as potential bottlenecks in the process, by capturing the series and sequence of activities by which organizations create value from information (figure 3).

To complete the loop and create value, information passes through the value loop’s stages, each enabled by specific technologies. An act is monitored by a sensor that creates information. That information passes through a network so that it can be communicated, and standards—be they technical, legal, regulatory, or social—allow that information to be aggregated across time and space. Augmented intelligence is a generic term meant to capture all manner of analytical support, collectively used to analyze information. The loop is completed via augmented behavior technologies that either enable automated, autonomous action or shape human decisions in a manner leading to improved action.

For a look at the value loop through an insurance lens, we will examine an IoT capability already at play in the industry: automobile telematics. By circumnavigating the stages of the framework, we can scrutinize the efficacy of how monitoring driving behavior is poised to eventually transform the auto insurance market with a vast infusion of value to both consumers and insurers.
Figure 3. The Information Value Loop

The Internet of Things in insurance

VALUE DRIVERS  STAGES  TECHNOLOGIES
Auto insurance and the value loop

TELEMATIC sensors in the vehicle monitor an individual’s driving to create personalized data collection. The connected car, via in-vehicle telecommunication sensors, has been available in some form for over a decade. The key value for insurers is that sensors can closely monitor individual driving behavior, which directly corresponds to risk, for more accuracy in underwriting and pricing.

Originally, sensor manufacturers made devices available to install on vehicles; today, some carmakers are already integrating sensors into showroom models, available to drivers—and, potentially, their insurers—via smartphone apps. The sensors collect data (figure 4) which, if properly analyzed, might more accurately predict the unique level of risk associated with a specific individual’s driving and behavior. Once the data is created, an IoT-based system could quantify and transform it into “personalized” pricing.

Sensors’ increasing availability, affordability, and ease of use break what could potentially be a bottleneck at this stage of the Information Value Loop for other IoT capabilities in their early stages.

IoT technology aggregates and communicates information to the carrier to be evaluated. To identify potential correlations and create predictive models that produce reliable underwriting and pricing decisions, auto insurers need massive volumes of statistically and actuarially credible telematics data.

In the hierarchy of auto telematics monitoring, large insurers currently lead the pack when it comes to usage-based insurance market share, given the amount of data they have already accumulated or might potentially amass through their substantial client bases. In contrast, small and midsized insurers—with less comprehensive proprietary sources—will likely need more time to collect sufficient data on their own.

To break this bottleneck, smaller players could pool their telematics data with peers either independently or through a third-party vendor to create and share the broad insights necessary to allow a more level playing field throughout the industry.

Insurers analyze data and use it to encourage drivers to act by improving driver behavior/loss costs. By analyzing the collected data, insurers can now replace or augment proxy variables (age, car type, driving violations, education, gender, and credit score) correlated with the likelihood of having a loss with those factors directly contributing to the probability of loss for an individual driver (braking, acceleration, cornering, and average speed, as figure 4 shows). This is an inherently more equitable method to structure premiums: Rather than paying for something that might be true about...
a risk, a customer pays for what is true based on his own driving performance.

But even armed with all the data necessary to improve underwriting for “personalized” pricing, insurers need a way to convince millions of reluctant customers to opt in. To date, insurers have used the incentive of potential premium discounts to engage consumers in auto telematics monitoring. However, this model is not necessarily attractive enough to convince the majority of drivers to relinquish a measure of privacy and agree to usage-based insurance. It is also unsustainable for insurers that will eventually have to charge rates actually based on risk assessment rather than marketing initiatives.

Substantiating the point about consumer adoption is a recent survey by the Deloitte Center for Financial Services of 2,193 respondents representing a wide variety of demographic groups, aiming to understand consumer interest in mobile technology in financial services delivery, including the use of auto telematics monitoring. The survey identified three distinct groups among respondents when asked whether they would agree to allow an insurer to track their driving experience, if it meant they would be eligible for premium discounts based on their performance (figure 5). While one-quarter of respondents were amenable to being monitored, just as many said they would require a substantial discount to make it worth their while (figure 5), and nearly half would not consent.

While the Deloitte survey was prospective (asking how many respondents would be willing to have their driving monitored telematically), actual recruits have been proven to be difficult to bring on board. Indeed, a 2015 Lexis-Nexis study on the consumer market for telematics showed that usage-based insurance enrollment has remained at only 5 percent of households from 2014 to 2015 (figure 6).

Both of these survey results suggest that premium discounts alone have not and likely will not induce many consumers to opt in to telematics monitoring going forward, and
would likely be an unsustainable model for insurers to pursue. The good news: Research suggests that, while protective of their personal information, most consumers are willing to trade access to that data for valuable services from a reputable brand.

Therefore, insurers will likely have to differentiate their telematics-based product offerings beyond any initial early-adopter premium savings by offering value-added services to encourage uptake, as well as to protect market share from other players moving into the telematics space.

In other words, insurers—by offering mutually beneficial, ongoing value-added services—can use IoT-based data to become an integral daily influence for connected policyholders. Companies can incentivize consumers to opt in by offering real-time, behavior-related

---

Figure 5. Percentage of those who would allow driving to be tracked via mobile devices

**Eager beavers:**
26% said they would allow monitoring without stipulating any specific minimum discount in return

**Fence sitters:**
27% of respondents said they might get on board with usage-based insurance if the price was right, given a high enough discount to make it worth their while

**Naysayers:**
47% said they would not be interested in having their driving monitored under any circumstances

<table>
<thead>
<tr>
<th>Size of discount required to allow driving behavior to be monitored</th>
</tr>
</thead>
<tbody>
<tr>
<td>- 1–5%</td>
</tr>
<tr>
<td>- 6–10%</td>
</tr>
<tr>
<td>- 11–15%</td>
</tr>
<tr>
<td>- 16–20%</td>
</tr>
<tr>
<td>- Over 20%</td>
</tr>
</tbody>
</table>

| Source: Deloitte Center for Financial Services analysis. |

---

Graphic: Deloitte University Press | DUPress.com
services, such as individualized marketing and advertising, travel recommendations based on location, alerts about potentially hazardous road conditions or traffic, and even diagnostics and alerts about a vehicle’s potential issues (figure 7). More broadly, insurers could aim to serve as trusted advisers to help drivers realize the benefits of tomorrow’s connected car.

Many IoT applications offer real value to both insurers and policyholders: Consider GPS-enabled geo-fencing, which can monitor and send alerts about driving behavior of teens or elderly parents. For example, Ford’s MyKey technology includes tools such as letting parents limit top speeds, mute the radio until seat belts are buckled, and keep the radio at a certain volume while the vehicle is moving. Other customers may be attracted to “green” monitoring, in which they receive feedback on how environmentally friendly their driving behavior is.

Insurers can also look to offer IoT-related services exclusive of risk transfer—for example, co-marketing location-based services with other providers, such as roadside assistance, auto repairs, and car washes may strengthen loyalty to a carrier. They can also include various nonvehicle-related service options such as alerts about nearby restaurants and shopping, perhaps in conjunction with points earned by good driving behavior in loyalty programs or through gamification, which could be redeemed at participating vendors. Indeed, consumers may be reluctant to switch carriers based solely on pricing, knowing they would be abandoning accumulated loyalty points as well as a host of personalized apps and settings.

For all types of insurance—not just auto—the objective is for insurers to identify the expectations that different types of policyholders may have, and then adapt those insights into practical applications through customized telematic monitoring to elevate the customer experience.

Telematics monitoring has demonstrated benefits even beyond better customer experience for policyholders. Insurers can use telematics tools to expose an individual’s risky driving behavior and encourage adjustments. Indeed, people being monitored by behavior sensors will likely improve their driving habits and reduce crash rates—a result to everyone’s benefit. This “nudge effect” indicates that the motivation to change driving behavior is likely linked to the actual surveillance facilitated by IoT technology.

The power of peer pressure is another galvanizing influence that can provoke beneficial consumer behavior. Take fitness wearables, which incentivize individuals to do as much or

![Figure 6. Current enrollment in UBI programs](source: 2015 usage-based insurance (UBI) research results for the consumer market, LexisNexis®, August 2015. LexisNexis is a registered trademark of Reed Elsevier Properties Inc. Used with the permission of LexisNexis.)
more exercise than the peers with whom they compete. In fact, research done in several industries points to an individual’s tendency to be influenced by peer behavior above most other factors. For example, researchers asked four separate groups of utility consumers to cut energy consumption: one for the good of the planet, a second for the well-being of future generations, a third for financial savings, and a fourth because their neighbors were doing it. The only group that elicited any drop in consumption (at 10 percent) was the fourth— the peer comparison group.

Insurers equipped with not only specific policyholder information but aggregated data that puts a user’s experience in a community context have a real opportunity to influence customer behavior. Since people generally resist violating social norms, if a trusted adviser offers data that compares customer behavior to “the ideal driver”—or, better, to a group of friends, family, colleagues, or peers—they will, one hopes, adapt to safer habits.
The future ain’t what it used to be—what should insurers do?

After decades of adherence to traditional business models, the insurance industry, pushed and guided by connected technology, is taking a road less traveled. Analysts expect some 38.5 billion IoT devices to be deployed globally by 2020, nearly three times as many as today, and insurers will no doubt install their fair share of sensors, data banks, and apps. In an otherwise static operating environment, IoT applications present insurers with an opportunity to benefit from technology that aims to improve profits, enable growth, strengthen the consumer experience, build new market relevance, and avoid disruption from more forward-looking traditional and nontraditional competitors.

Incorporating IoT technology into insurer business models will entail transformation to elicit the benefits offered by each strategy.

- Carriers must confront the barriers associated with conflicting standards—data must be harvested and harnessed in a way that makes the information valid and able to generate valuable insights. This could include making in-house legacy systems more modernized and flexible, building or buying new systems, or collaborating with third-party sources to develop more standardized technology for harmonious connectivity.

- Corporate culture will need a facelift— or, likely, something more dramatic—to overcome longstanding conventions on how information is managed and consumed across the organization. In line with industry practices around broader data management initiatives, successfully implementing IoT technology will require supportive “tone at the top,” change management initiatives, and enterprisewide training.

- With premium savings already proving insufficient to entice most customers to allow insurers access to their personal usage data, companies will need to strategize how to convince or incentivize customers to opt in—after all, without that data, IoT applications are of limited use. To promote IoT-aided connectivity, insurers should look to market value-added services, loyalty points, and rewards for reducing risk. Insurers need to design these services in conjunction with their insurance offerings, to ensure that both make best use of the data being collected.

- Insurers will need to carefully consider how an interconnected world might shift products from focusing on cleaning up after...
disruptions to forestalling those disruptions before they happen. IoT technology will likely upend certain lines of businesses, potentially even making some obsolete. Therefore, companies must consider how to heighten flexibility in their models, systems, and culture to counterbalance changing insurance needs related to greater connectivity.

- IoT connectivity may also potentially level the playing field among insurers. Since a number of the broad capabilities that technology is introducing do not necessarily require large data sets to participate (such as measuring whether containers in a refrigerated truck are at optimal temperatures to prevent spoilage or whether soil has the right mix of nutrients for a particular crop), small to midsized players or even new entrants may be able to seize competitive advantages from currently dominant players.

- And finally, to test the efficacy of each IoT-related strategy prior to implementation, a framework such as the Information Value Loop may become an invaluable tool, helping forge a path forward and identify potential bottlenecks or barriers that may need to be resolved to get the greatest value out of investments in connectivity.

The bottom line: IoT is here to stay, and insurers need to look beyond business as usual to remain competitive.

The IoT is here to stay, the rate of change is unlikely to slow anytime soon, and the conservative insurance industry is hardly impervious to connectivity-fueled disruption—both positive and negative. The bottom line: Insurers need to look beyond business as usual. In the long term, no company can afford to engage in premium price wars over commoditized products. A business model informed by IoT applications might emphasize differentiating offerings, strengthening customer bonds, energizing the industry brand, and curtailing risk either at or prior to its initiation.

IoT-related disruptors should also be considered through a long-term lens, and responses will likely need to be forward-looking and flexible to incorporate the increasingly connected, constantly evolving environment. With global connectivity reaching a fever pitch amid increasing rates of consumer uptake, embedding these neoteric schemes into the insurance industry’s DNA is no longer a matter of if but, rather, of when and how.
Endnotes

8. Ibid.
15. Ninan et al., Who owns the road?


The Center also wishes to thank the following Deloitte professionals, all of Deloitte Services LP, for their support and contributions to this report: Courtney Scanlin, insurance marketing leader; Lauren Wallace, lead marketing specialist; Michelle Chodosh, marketing manager; and Joe Mariani, lead market insights analyst.

About the Center for Financial Services

The Deloitte Center for Financial Services is a source of up-to-the-minute insights on the most important issues facing senior-level decision makers within banks, capital markets firms, investment management companies, insurance carriers, and real estate organizations. We offer an integrated view of financial services issues, delivered through a mix of research, industry events, and roundtables, and provocative thought leadership—all tailored to specific organizational roles and functions.
Opting in: Using IoT connectivity to drive differentiation

Contacts

Industry leadership
Gary Shaw
Vice chairman
US insurance leader
Deloitte LLP
+1 973 602 6659
gashaw@deloitte.com

Deloitte Center for Financial Services
Jim Eckenrode
Executive director
Deloitte Center for Financial Services
Deloitte Services LP
+1 617 585 4877
jeckenrode@deloitte.com

Sam Friedman
Insurance research leader
Deloitte Center for Financial Services
Deloitte Services LP
+1 212 436 5521
samfriedman@deloitte.com

Adam Schneider
Chief adviser
Deloitte Center for Financial Services
Principal
Deloitte Consulting LLP
+1 212 436 4600
aschneider@deloitte.com

Authors
Michelle Canaan
Manager
Deloitte Center for Financial Services
Deloitte Services LP
+1 212 436 3291
mcanaan@deloitte.com

John Lucker
Principal
Deloitte & Touche LLP
+1 860 725 3022
jlucker@deloitte.com

Bram Spector
Managing Director
Deloitte Consulting LLP
+1 312 486 2567
bspector@deloitte.com