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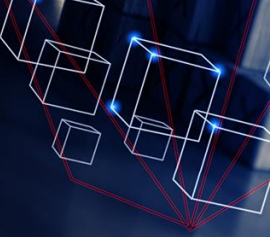
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June 25, 2020

DRIVE BETTER DECISION-MAKING WITH SMART DATA SOLUTIONS

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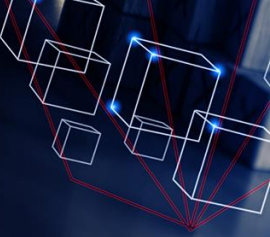


DRIVE BETTER DECISION-MAKING WITH SMART DATA SOLUTIONS

MODERATOR



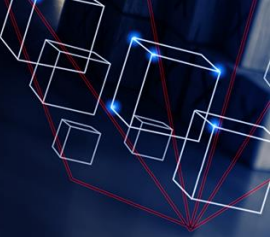
Dustin Haisler
Chief Innovation Officer, Government Technology



DRIVE BETTER DECISION-MAKING WITH SMART DATA SOLUTIONS

AGENDA

- 1. Unpacking The Data Landscape**
- 2. Exploring What's Possible with Data**
- 3. Lessons From San Joaquin County, California**
- 4. Ask Us Anything LIVE**



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FEATURED SPEAKERS



Chris Cruz
Director and Chief Information
Officer, San Joaquin County, CA,
Information Systems Division

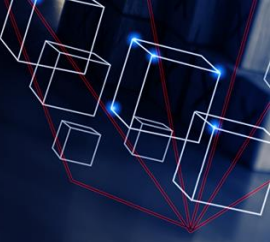


Celeste O'Dea, PMP, MBA
Business Development Director,
PS Technology, Federal &
Canada Applications, Oracle



MODERATOR
Dustin Haisler
Chief Innovation Officer,
Government Technology

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Unpacking The Data Landscape



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Top 10 City Technology Priorities 2020

1. Cybersecurity
2. Citizen Experience/E-Services provision
3. Disaster Recovery/Continuity of Operations
4. Business Intelligence/Analytics
5. Hire and Retain IT Personnel
6. Data Governance
7. Increased Agency/Department/IT Collaboration
8. Infrastructure Modernization
9. Cloud Computing
10. Mobility: Mobile Applications



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Top 10 County Technology Priorities 2020

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7. Infrastructure Modernization
8. Cloud Computing
9. Budget and Cost Control/Increased Agency/
Department/IT Collaboration
10. Shared or Collaborative Services

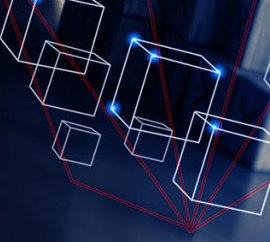


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State CIO Priorities

1. Cyber Security
2. Shared Services
3. Cloud Computing
4. Hire and Retain Competent IT Personnel
5. Business Intelligence/Analytics
6. Citizen Engagement/Experience
7. Budget and Cost Control
8. Open Government/Transparency/Open Data
9. Disaster Recovery/Continuity of Operations
10. Mobile Devices/Applications

Source: Center for Digital Government 2019



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How have technology priorities shifted due to COVID-19?

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Technology is playing a more critical role in responding to uncertainty.

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THE FUTURE OF WORK

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AI Work Predicted to Grow as Society Moves Online

Coronavirus' lockdowns and social distancing have created a massive societal shift toward the online world. 'Artificial Intelligence' jobs are predicted to grow in a time when many other jobs are faltering.

TEAM ZIPRECRUITER, THE FLORIDA TIMES-UNION | MARCH 26, 2020 | NEWS

(TNS) — In the wake of the coronavirus crisis, lockdowns and social distancing are accelerating the adoption of e-commerce, online learning, remote work, and online entertainment. And since online platforms and marketplaces generate so much data and rely so heavily on artificial intelligence (AI), their growth will only expand the AI gold rush.

Already, global e-commerce sales have grown more than 20 percent per year each of the past three years. The number of students taking at least one course online has grown by almost two percentage points per year. And the percentage of Americans who sometimes telework has grown by one percentage point per year.

The pace of growth is now sure to skyrocket. Restaurants are rushing to adopt online ordering systems and forge partnerships with delivery services. Universities are adopting digital tools of which they were once wary. Employers are embracing Zoom cloud meetings. And the cancellation of live entertainment from Broadway to March Madness is sure to drive even more Americans to online video games, casinos, music streaming, video streaming, and social media.

That is increasing demand for the products and services of AI and cloud computing startups, and increasing employer demand for AI skills. Between February and March 2020, job titles that include the term 'artificial intelligence' are on track to increase by 11 percent "at a time when job postings in most occupations are falling.

Moreover, the coronavirus outbreak has sparked increased interest in using AI tools for diagnosis, AI-powered chatbots for easing telemedicine patient data logging, AI-based predictive models for global market analysis and forecasting, and of AI-based tools for solving complex global supply chain management challenges.

RELATED

Governments Get Creative to Adapt to Coronavirus Reality



CONNECTIVITY IS THE MOST FOUNDATIONAL PIECE OF SMART CITIES. (DAVID KIDD)

THE FUTURE OF WHAT'S HAPPENING NOW

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A Hope for the Post-Pandemic Future: Smarter Cities

The COVID-19 crisis has inspired new thinking about how communities can embrace technology to better serve the people who live in them. We can be intentional about what we create.

CHELSEA COLLIER, DIGI.CITY | MAY 18, 2020 | OPINION

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AI to Interrogate Deep Archive to Find Insights on COVID-19

Health officials will employ artificial intelligence to scan some 24,000 papers on COVID-19 to find patterns and insights about the pandemic. "Our hope is that AI can be used to help find answers to a key set of questions."

GOPAL RATNAM, CQ-ROLL CALL | MARCH 18, 2020 | NEWS

On Monday said they had launched a new collaborative venture to assemble a deep archive of research articles and literature on the coronavirus, which would then be analyzed by artificial intelligence to help answer questions raised by the World Health Organization about the pandemic.

The archive will include 24,000 full-text pieces of medical literature, which will be made available on a platform that will allow artificial intelligence programmers to propose tools and software code that can be used to analyze the data. Officials and experts told reporters in a conference call.

The White House's Office of Science and Technology Policy issued a call to tech companies that artificial intelligence tools could be used to sift through thousands of research articles. Lynn Parker, deputy chief technology officer at the White House office.

The archive is mining the literature for patterns and insights. A dataset, experts and White House officials said, will be maintained and other officials said.

RELATED

Racist Data Decreases Health-Care Quality

University to Help Society Wrap Their Minds Around Artificial Intelligence

Artificial Intelligence Is Sleeping into Home Buying Market

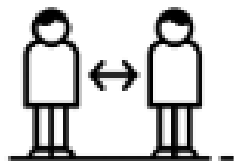
Global Health Crisis Likely to

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The new normal of state and local government.



Work-from-Home for
non-essential
functions



Social distancing meets
the workplace



Business processes
reengineered for
remote work



Push to modernize for
the next normal

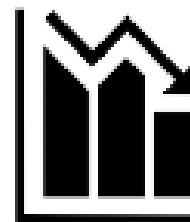
WHAT DO THESE HAVE IN COMMON?



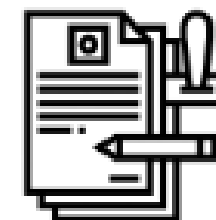
Blurring lines with
privacy and health
surveillance systems



Focus on proactive
recurrence response



Fiscal constraints
catalyze innovation



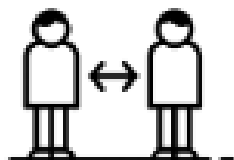
Policies are reformed
to match behavior

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The new normal of state and local government.



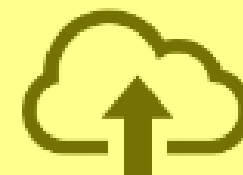
Work-from-Home for
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functions



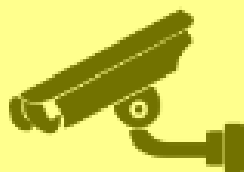
Social distancing meets
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Push to modernize for
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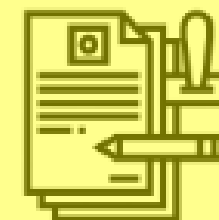
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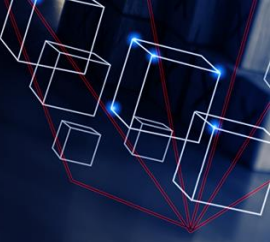


Policies are reformed
to match behavior



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Data is the common thread that supports emerging technologies, behaviors, and use-cases.



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Data-Driven Government Elements

Data-Driven, Privacy-Centric Experiences

Omni-Channel Government (Communication & Access)

Government-as-an-API

Data-Driven Compliance

DRIVE BETTER DECISION-MAKING WITH SMART DATA SOLUTIONS

Experience-Based Technologies

Data-Driven, Privacy-Centric Experiences

Data Grows In Importance, Balanced By New Privacy Regulations

SECURITY

New Privacy Legislation Introduced in Washington State

A number of bills have been introduced that seek to transform the relationship between the state's consumers, data brokers and large tech companies, but lawmakers don't necessarily agree on the legislative fine print.

BY LUCAS ROPEK / JANUARY 31, 2020



POLICY

Will More States Adopt Privacy Laws in 2020?

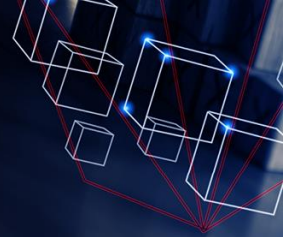
As a new year approaches, myriad states are looking to adopt their own, distinct privacy laws — a fact that leaves many in the business and technology industries anxious about the road ahead.

BY LUCAS ROPEK / OCTOBER 30, 2019



Privacy has become a front-and-center issue that is impacting data storage requirements and procurements of any new technology.

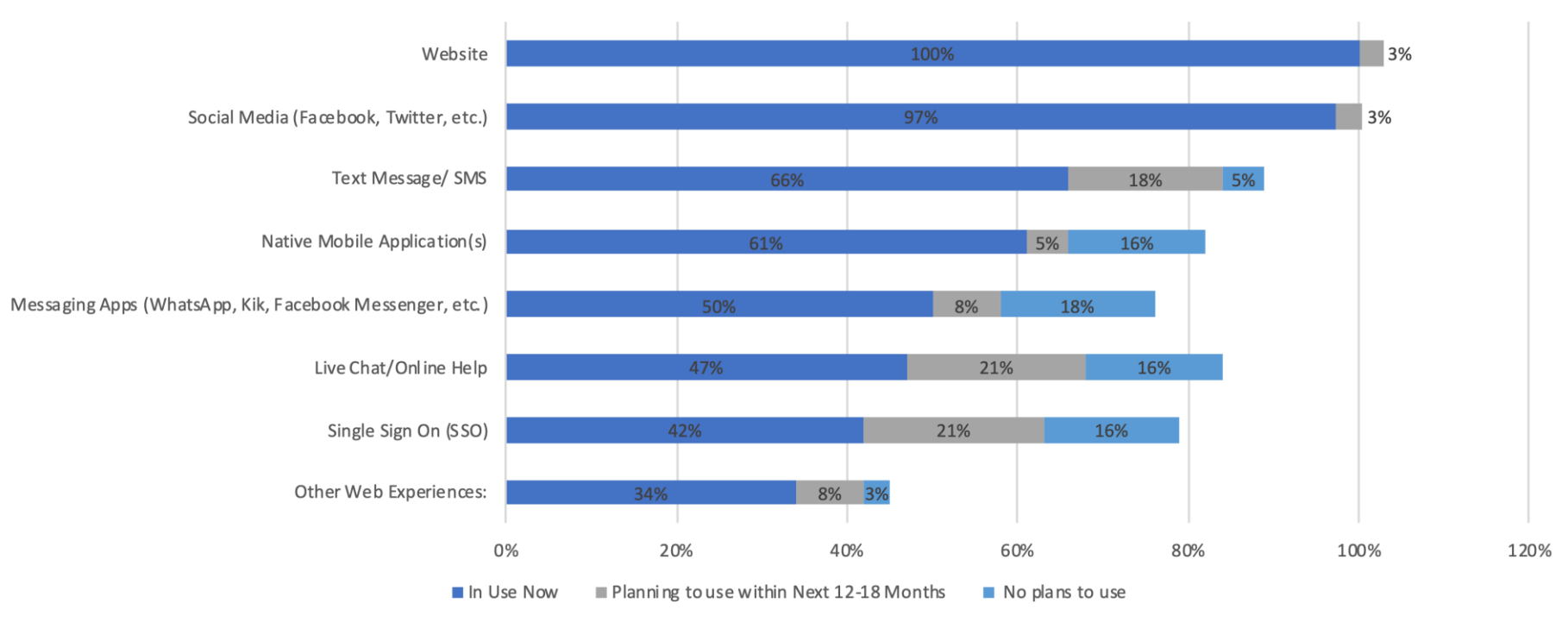
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Experience-Based Technologies

Omni-Channel Government (Communication & Access)

The Rise of Omni-Channel Government



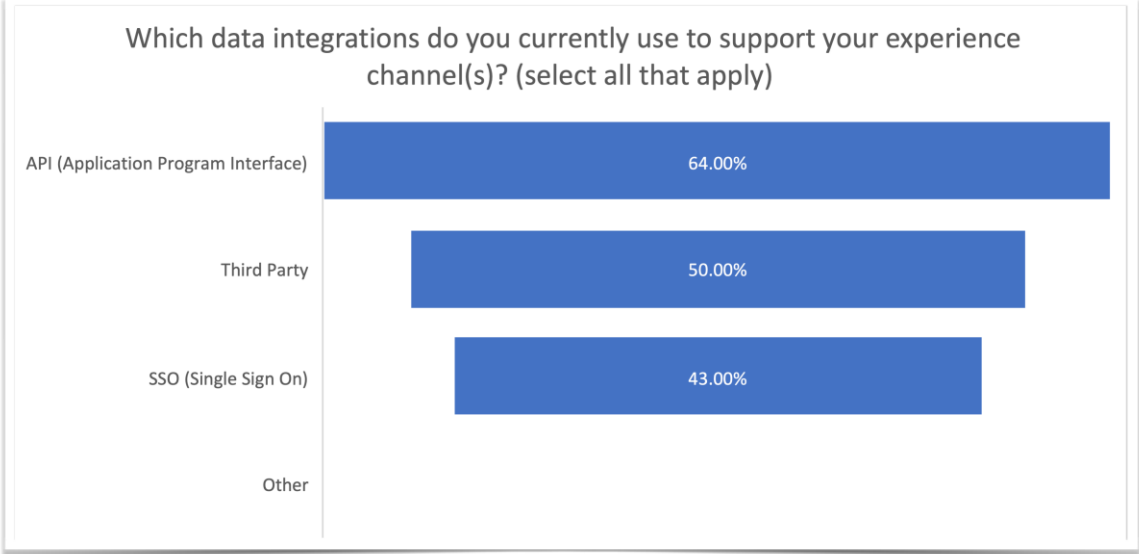
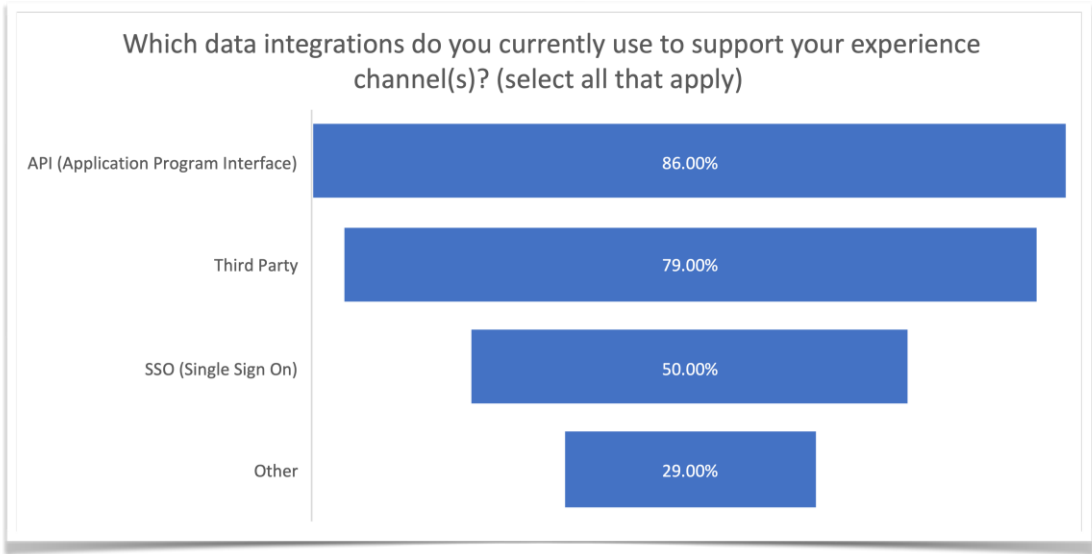
Government agencies are focusing on delivering an omni-channel experience that serves citizens and employees across multiple channels.

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Experience-Based Technologies

Government-as-an-API

API and Third-Party Data Integrations Are On The Rise



Third-party data integrations continue to rise in implementation and procurement requirements.

Data-Driven Compliance

Consumer Technology Regulation

New Consumer 'IoT' Legislation

Senate Bill No. 327

CHAPTER 886

An act to add Title 1.81.26 (commencing with Section 1798.91.04) to Part 4 of Division 3 of the Civil Code, relating to information privacy.

[Approved by Governor September 28, 2018. Filed with Secretary of State September 28, 2018.]

LEGISLATIVE COUNSEL'S DIGEST

SB 327, Jackson. Information privacy: connected devices.

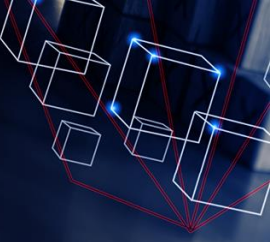
Existing law requires a business to take all reasonable steps to dispose of customer records within its custody or control containing personal information when the records are no longer to be retained by the business by shredding, erasing, or otherwise modifying the personal information in those records to make it unreadable or undecipherable. Existing law also requires a business that owns, licenses, or maintains personal information about a California resident to implement and maintain reasonable security procedures and practices appropriate to the nature of the information, to protect the personal information from unauthorized access, destruction, use, modification, or disclosure. Existing law authorizes a customer injured by a violation of these provisions to institute a civil action to recover damages.

This bill, beginning with Section 1798.91.04, adds a new title to the Civil Code, relating to information privacy, which shall be known as the California Information Privacy Act. The bill requires a business to take all reasonable steps to dispose of customer records within its custody or control containing personal information when the records are no longer to be retained by the business by shredding, erasing, or otherwise modifying the personal information in those records to make it unreadable or undecipherable. Existing law also requires a business that owns, licenses, or maintains personal information about a California resident to implement and maintain reasonable security procedures and practices appropriate to the nature of the information, to protect the personal information from unauthorized access, destruction, use, modification, or disclosure. Existing law authorizes a customer injured by a violation of these provisions to institute a civil action to recover damages.

California Senate Bill No. 327 - The First IoT Bill

the device with a
it may collect,
destruction, use,

Many state and local agencies are beginning to regulate technology utilization by their organizations and even citizens.



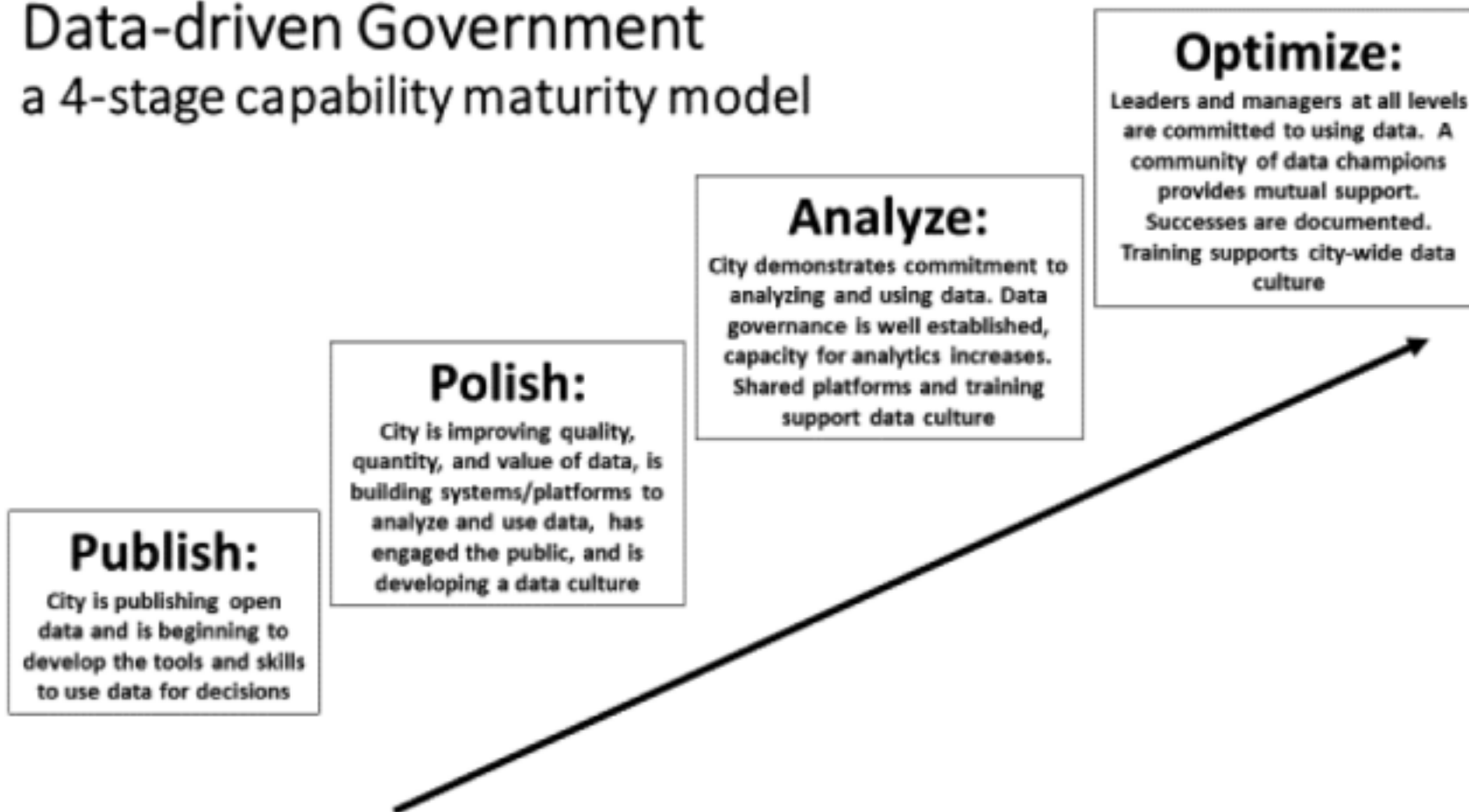
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Data is the underlying infrastructure for the future.

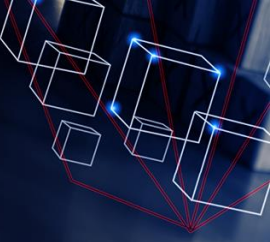


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Data-driven Government a 4-stage capability maturity model



Source: Harvard | Data Smart City Solutions



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But data can be **unlocked** or **restricted** by its underlying structure.

Data
Infrastructure

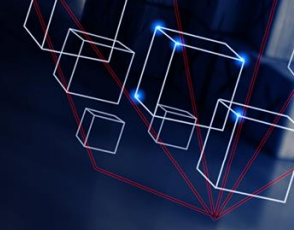
Data
Governance

Data
Management

Data
Integrations

Data Models

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FEATURED SPEAKERS



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PS Technology, Federal &
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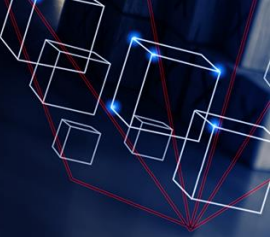


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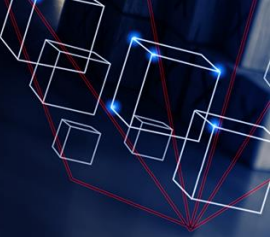
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LIVE Q&A



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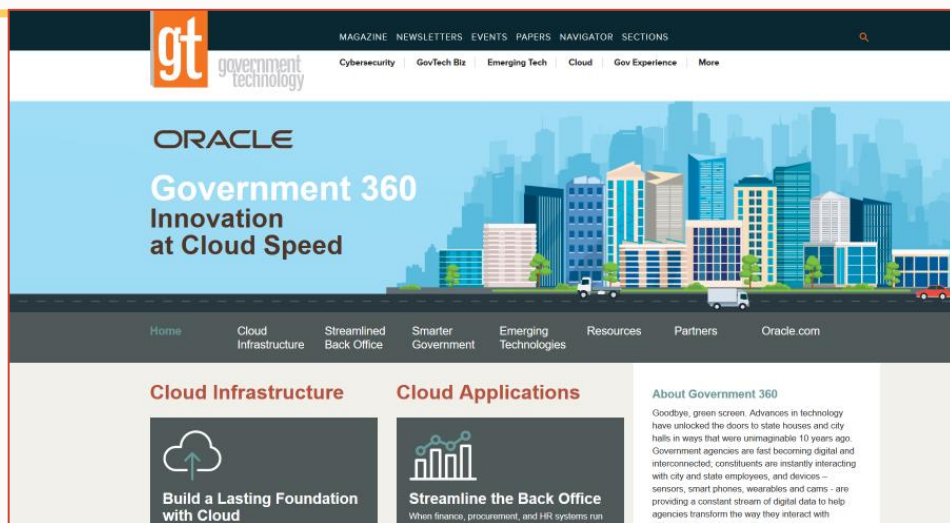
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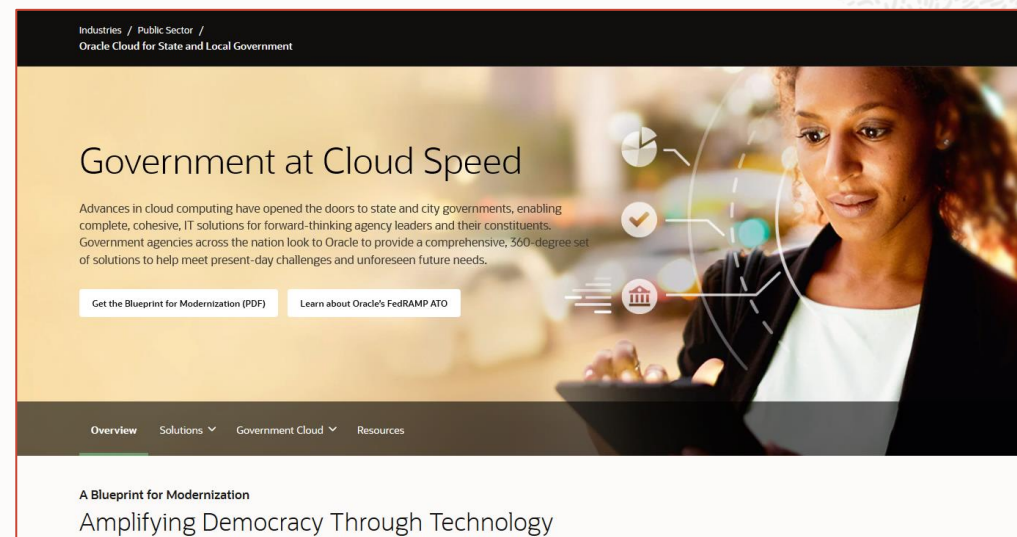
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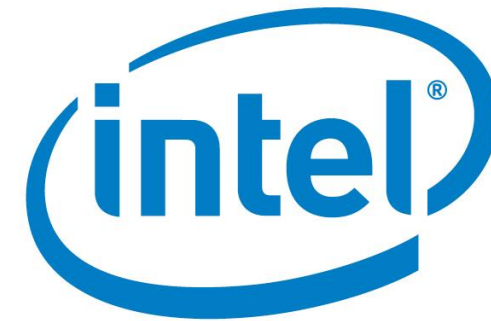
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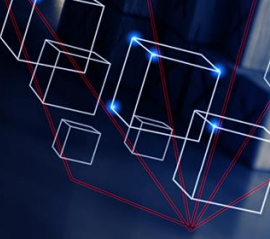
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