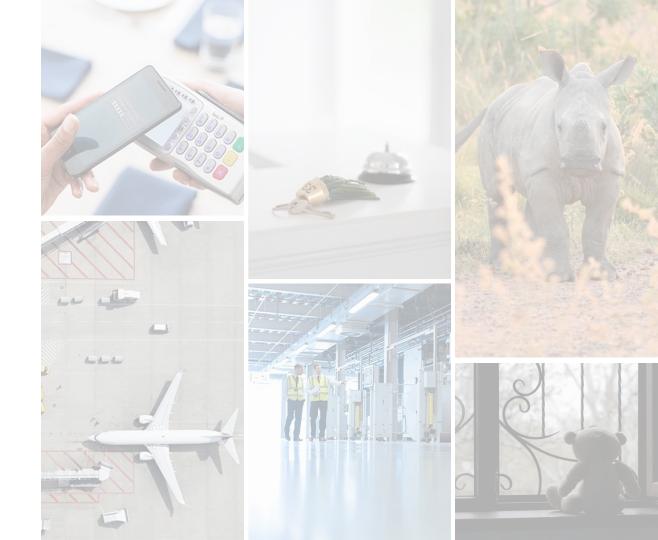
# Transforming a world of data into a world of intelligence

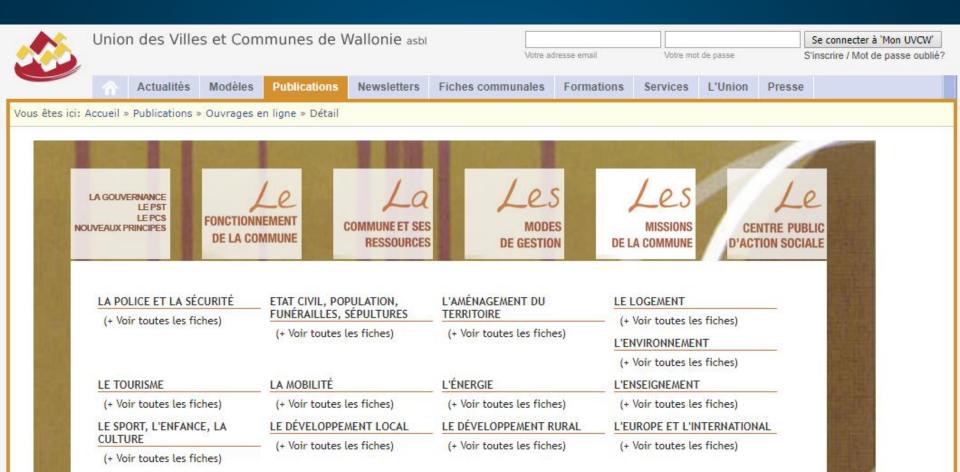


#### OUR SOFTWARE YOUR INGENUITY

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#### LES MISSIONS DES VILLES & COMMUNES



### Des drones pour traquer les marchands de sommeil à Anderlecht

MIS EN LIGNE LE 31/07/2017 À 08:39 / PATRICE LEPRINCE

f G 🎔 in 🖾 🖨

L'échevin anderlechtois Gaëtan Van Goidsenhoven estime que les prises de vue aériennes représentent un atout intéressant pour détecter les infractions. Et lutter contre les marchands de sommeil.



#### « Sense City », une modélisation de la ville intelligente du futur, verra le jour à la cité Descartes

#### Selecteer een taal

Wed, 2017-11-22 11:03 -- SCC Europe Staff



SHARE

#### Solutions de stationnement intelligent dans le Sud de la France

Selecteer een taal

#### Fri, 2018-01-19 12:15 -- SCC Europe Staff

Cette année. les solutions de stationnement intelligent devraient être l'une des principales tendances dont on va parler dans toute l'Europe. Si l'on considère seulement Londres, les services de stationnement pourraient non seulement éviter aux conducteurs de ne pas passer 33 000 heures dans leur voiture à la recherche d'une place, mais également permettre de faire des économies indirectes estimées à hauteur de 870 000 euros. Certaines villes ont commencé à proposer des

applications de partage d'espaces de stationnement pour résoudre ce problème croissant, tandis que d'autres, comme Montpellier dans le Sud de la France, se tournent vers les systèmes connectés d'Internet des objets (Internet of Things ou IoT) pour créer des espaces de stationnement intelligents. Analysons le projet en cours et voyons comment il aidera à réduire les embouteillages et offrira un gain de temps aux conducteurs à l'aide du réseau privé LoRaWAN de Montpellier.



SHARE

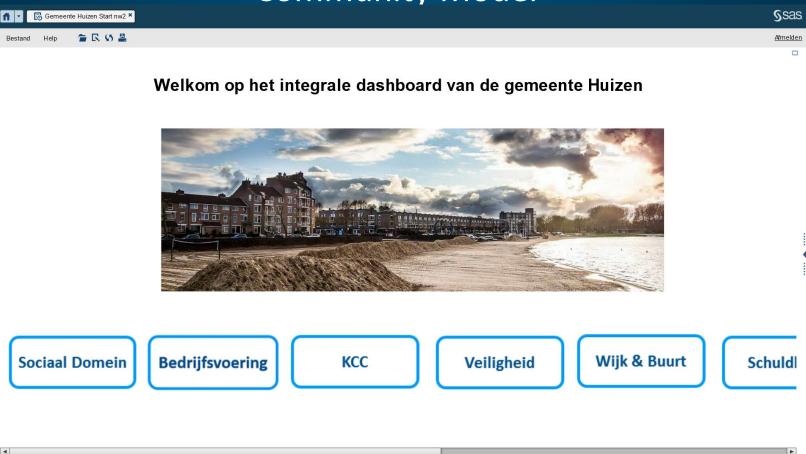
Afin d'aider les villes à converger vers l'écologie, l'Institut Français des Sciences et Technologies des Transport. et des Réseaux (IFSTTAR), dans la cité Descartes, située en Île de France va tester des solutions dans une r capteurs. Prévue pour voir le jour en 2018, Sense City, se concentrera sur l'évaluation de la performance qualité sanitaire des bâtiments, en utilisant en temps réel des capteurs et des nouvelles technologies et en laboratoire pour trouver et évaluer des solutions pertinentes pour la ville intelligente de demain. Examinons







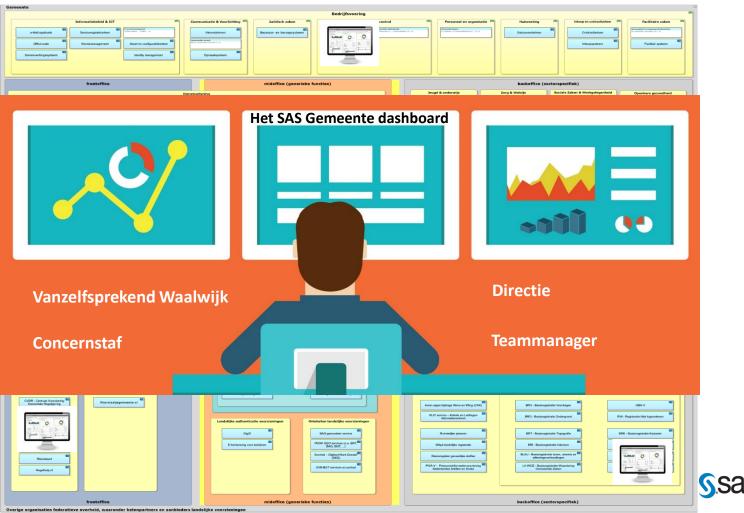
### Customer Successes – Gemeente Huizen & Community Model



**Sas** 

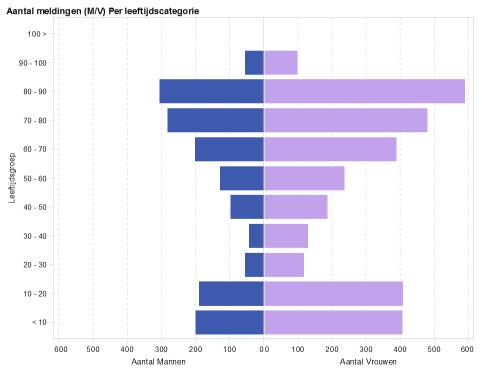


#### GEMMA applicatielandschap Waalwijk

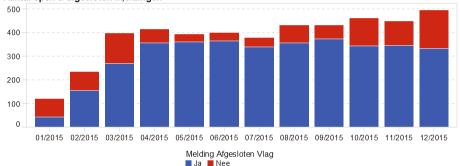


THE POWER

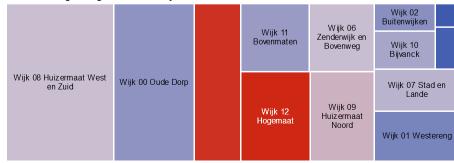


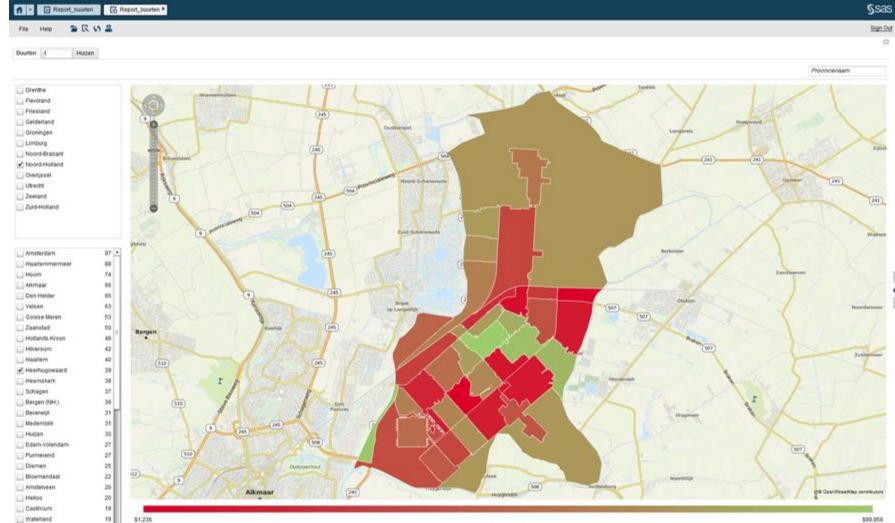


Aantal open & afgesloten meldingen



#### Aantal aanvragen vs gemiddelde leeftijd





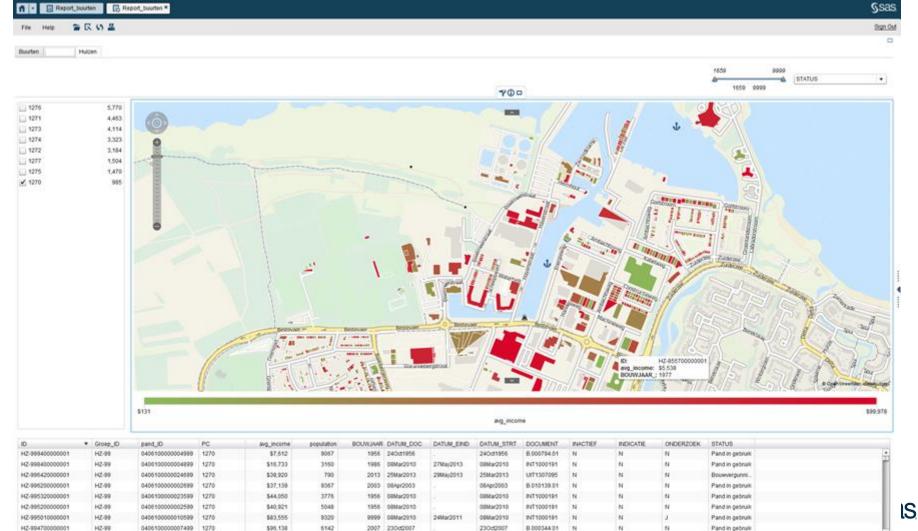
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Koppenland

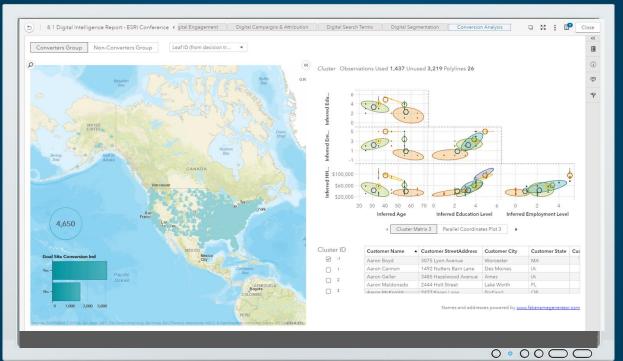
avg\_income

\$99,958

IS



#### Analysis of Geographic Data







#### Ingestion and Output of Transparent Data

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### Town of Cary

Ranked as one of the best places to live in the US, the Town of Cary is part of the thriving Research Triangle region of North Carolina.



#### Key Challenges

- Finding a faster, easier way to use data for everyday decision making.
- Spending less time creating reports and more time managing departmental budgets.
- Ensuring that the town's dollars are being applied as effectively as possible.
- Improving public safety through data-driven decisions.

#### How SAS<sup>®</sup> supported the process

#### 600 Expected Results

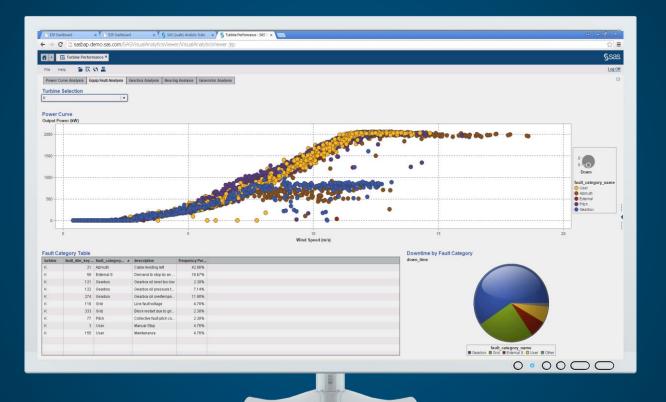
With self-service reporting fueled by analytics:

- Police are helping to reduce crime.
- Department heads have better understanding of their budgets.
- The Permitting Department is tracking efforts to meet customer service goals—and the needs of citizens—while ensuring effective use of taxpayer dollars.
- In addition to dollar savings and efficiency gains, town staff can provide faster, accurate answers to citizen questions—accessing data themselves, with less dependence on IT.

Powered by SAS® Advanced Analytics



#### Analytics at the Edge





#### Asset Performance Analytics

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#### German City



 Needed a more reliable way to monitor and gauge public opinion and sentiment.

#### How SAS<sup>®</sup> supported the process

#### 600 Results

- Better understand the broad trends in public sentiment expressed on platforms like Facebook, Flickr and Twitter.
- Able to quickly implement campaigns to counter disinformation early to reassure the public and ensure citizens are well-informed about issues facing the city.

Powered by SAS<sup>®</sup> Advanced Analytics

"With social media analytics, we hear the voice of the people, we dispel rumors and disinformation, and we inform our citizens as they make up their own minds about the issues they care about."

Chief of Staff to the Mayor



#### Analysis of Unstructured Data

= "	S® Visual Analytics - *Report 1	Search 🔎 ? John Doe					
	Page 1 • Page 2 • + Topics	* 🙆   * (*   : Terms					
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### State of North Carolina

CJLEADS is a tool to support criminal justice professionals with making quicker and more effective decisions.



#### Key Challenges

- Required an efficient, integrated criminal justice application to provide quick access to comprehensive offender information.
- Disparate, siloed criminal systems inhibited timely access to comprehensive offender information.
- Lack of criminal justice data sharing was highlighted by the murders of two NC college students.

#### How SAS<sup>®</sup> supported the process

#### 600 Expected Results

- Offender search via a single, integrated and highly scalable application reduces the risk of overlooking critical offender data and provides a complete picture of a criminal offender.
- Estimated time savings by using CJLEADS is more than \$12 million annually.
- Watch list capability to alert criminal justice professionals to changes in offender status.
- Reduced crime and enhanced public safety.

Powered by SAS<sup>®</sup> Fraud & Security Intelligence

"CJLEADS brings together disparate criminal justice data to help create a more rounded profile of offenders and provides a single source of information from a variety of criminal justice organizations—including court, warrant, probation, parole, and local jail information—which agencies can access securely via the web."



#### Victoria Police

#### ည် Key Challenges

- Cut the time it takes analysts to identify intelligence.
- Integrate and analyze agency data to link people, events, vehicles, properties, and activities.
- Pair police data with social media data to better identify and predict crime trends and hotspots.

#### How SAS<sup>®</sup> supported the process

#### 600 Expected Results

- Improve efficiency and effectiveness of Victoria Police's crime analysts and officers.
- Greater intelligence and fact-based decisions provided by the ability to connect disparate police databases.
- Improve service to the community and increase public confidence in Victoria Police.

Powered by SAS<sup>®</sup> Data Management & Analytics

"Police have vast amounts of information. This new system connects it, analyses it, and puts it at their fingertips so they can fight all types of crime much more quickly."

Lisa Neville

Victoria Minister for Police



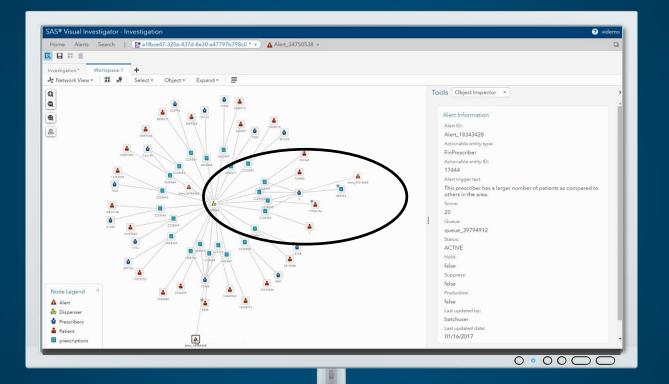
#### **Entity Resolution**

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CJ Leads +											
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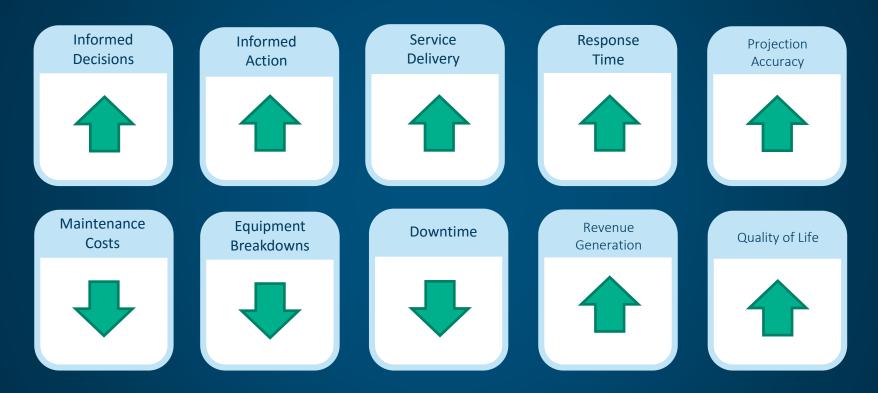
#### Link Analysis

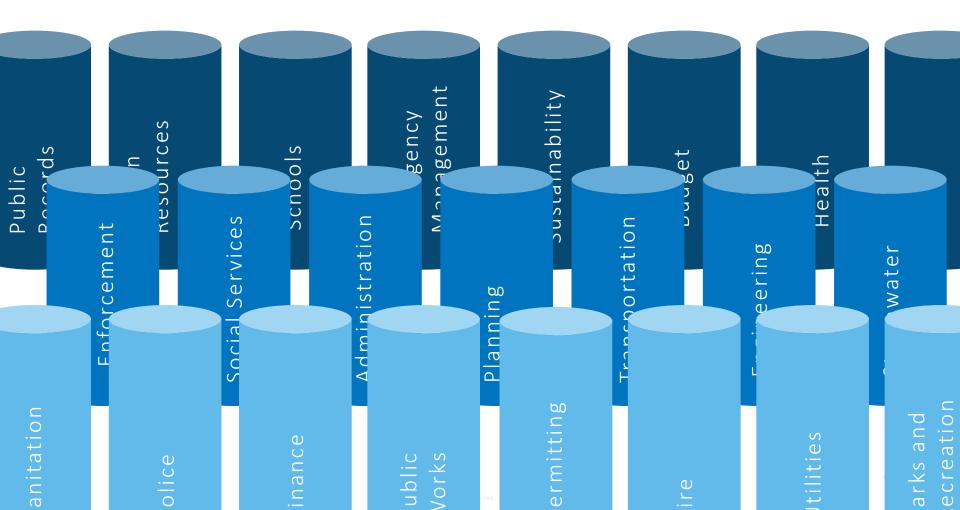




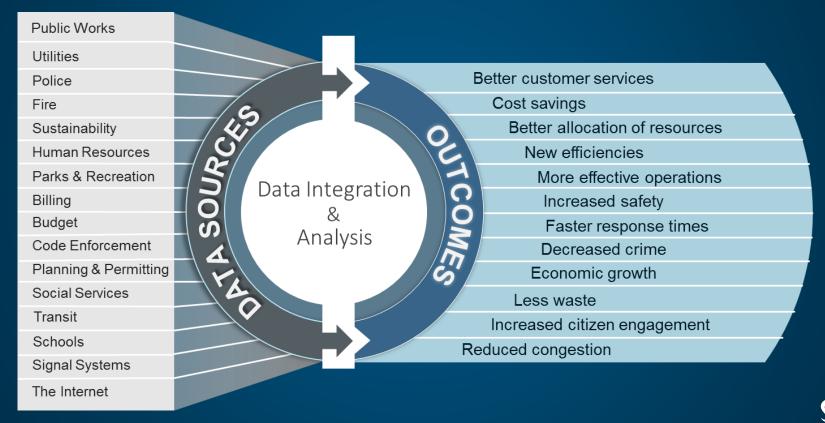


#### Value of Analytics

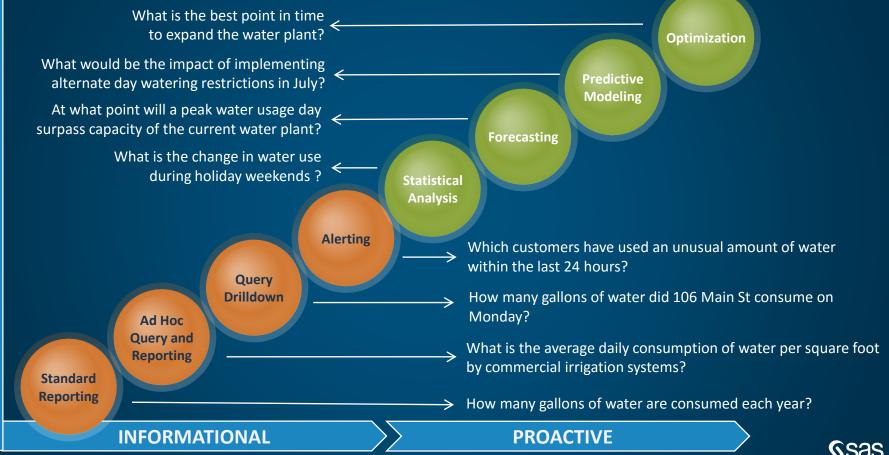




#### The Analytics Platform Integrated Use of Data for Improved Outcomes



#### Information across the Decision-Making Spectrum

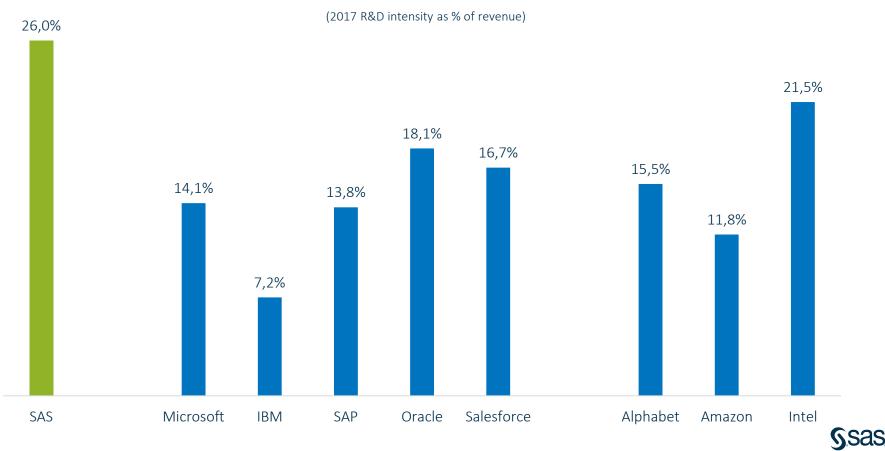


## Singular focus on **ANALYTICS**





### Industry-leading Commitment to Innovation



#### Key Investment Areas





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### Merci

Questions?

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