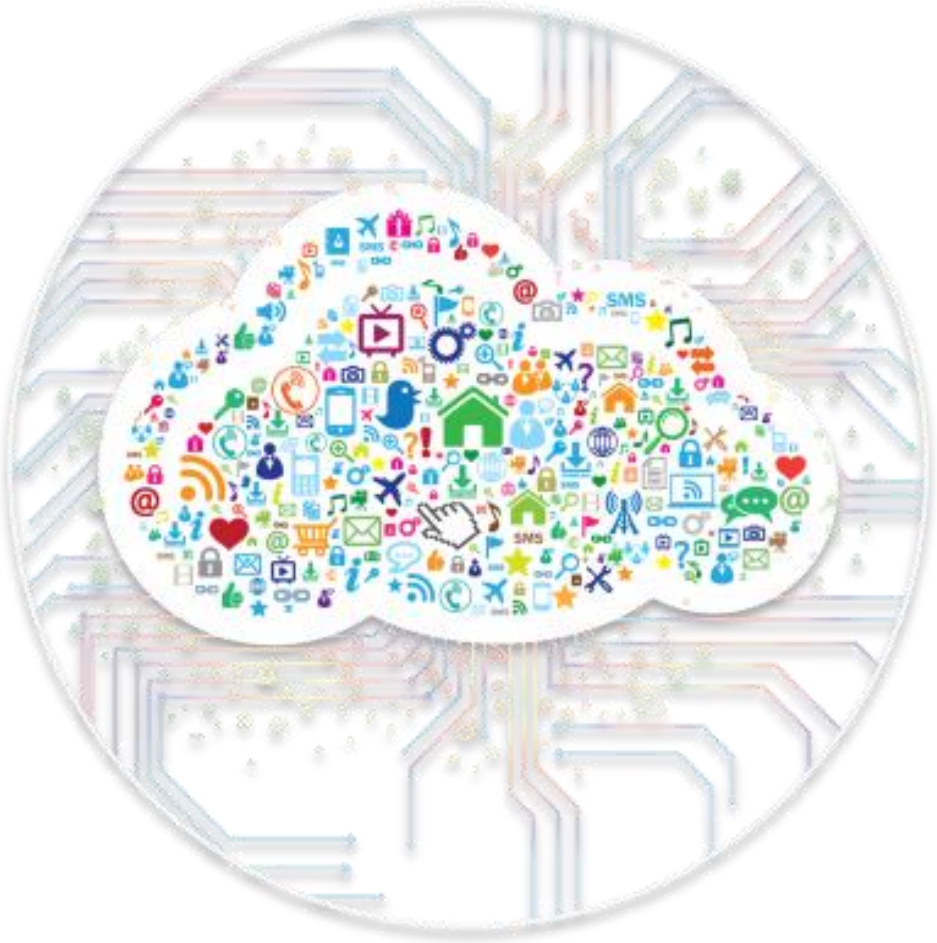
IoT Lessons Learned



Presented by Richard Beeson
OSIsoft

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Why are we talking about I(I)oT

Predictions:

CISCO

25 Billion

devices connected to the Internet **by 2015**

50 Billion

devices by **2020**

GARTNER

$309 Billion

in additional **revenue** for suppliers of connected devices **by 2020**

$1.9 Trillion

in **cost savings** and improved productivity

GE

$10-$15 Trillion

increase in **global GDP** over the **next 20 years**, thanks to gains in productivity

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Are we talking about the same thing?

IoT – “Internet of Things”

IIoT – “Industrial Internet of things”

“The Industrial Internet of Things (IIoT) is the next wave of innovation impacting the way the world connects and optimizes machines. The IIoT, through the use of sensors, advanced analytics and intelligent decisioning, will profoundly transform the way field assets connect and communicate with the enterprise.” - McRock Capital – IIoT report.

“IIoT refers to smart machines with pervasive sensing, networked to the Cloud, and is distinct from M2M communication. It deals with connectivity in industrial networks, warehousing infrastructure and building systems to enable the delivery of software services, data analytics and autonomous control from the Cloud.” - IoT Conference 2014

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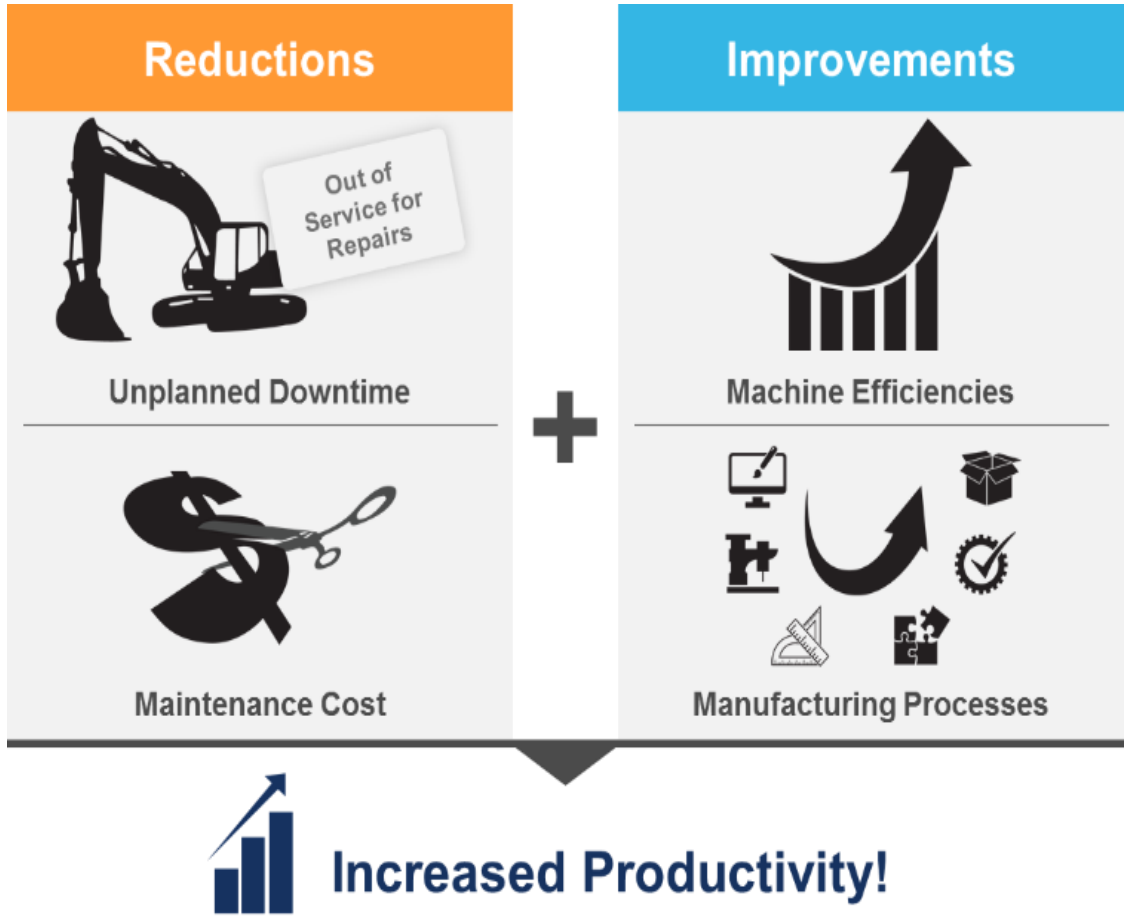
Haven’t we seen this somewhere before?

Business Benefits for driving near-term adoption:

- Optimize asset utilization
- Reduce Operational cost
- Improve productivity
- Enhance worker safety
- Create new revenue streams thru new products/services
- Improve sustainability
- Enhance customer experience



References: Attunity

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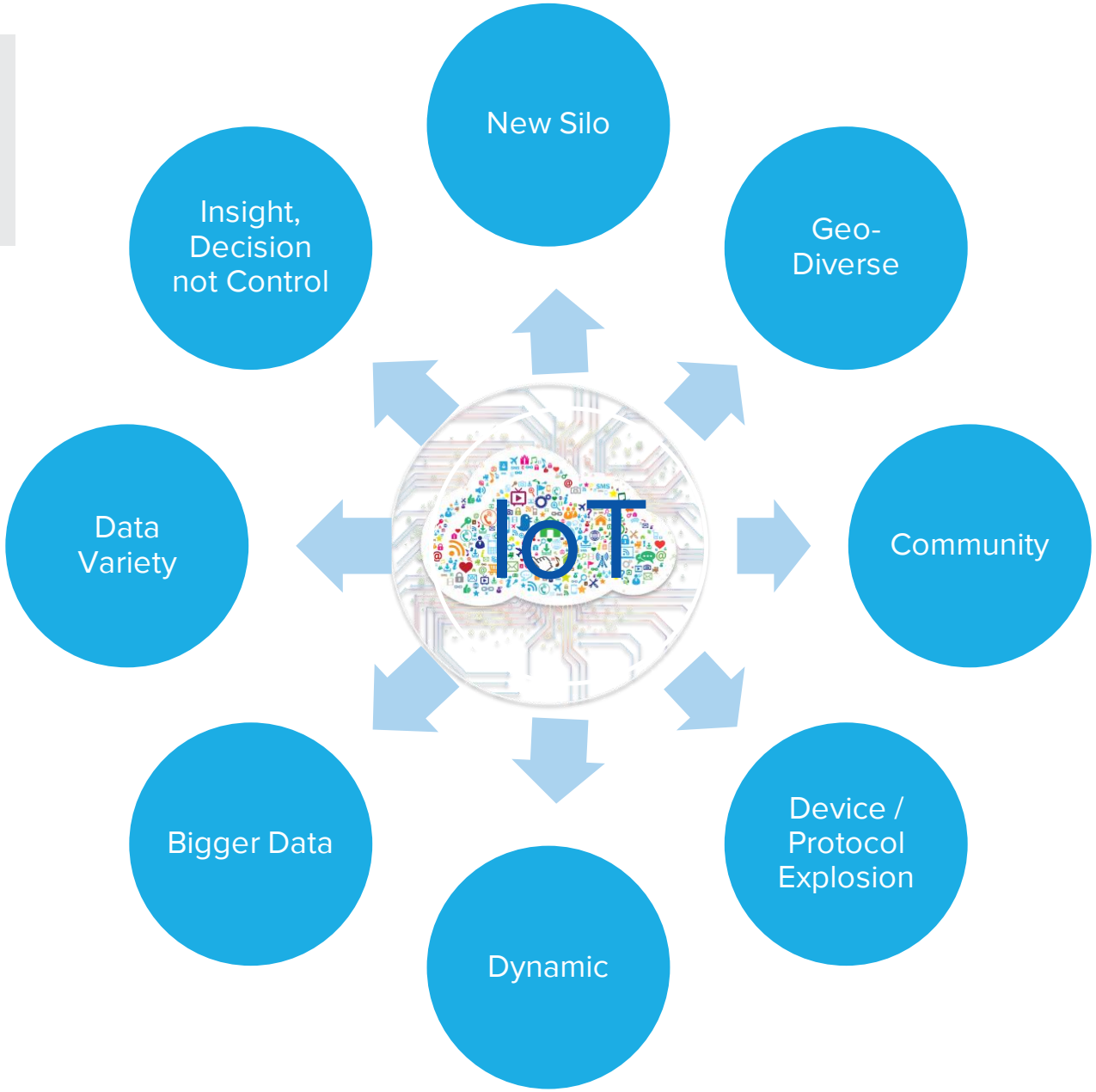
Some Lessons from Internet of Things



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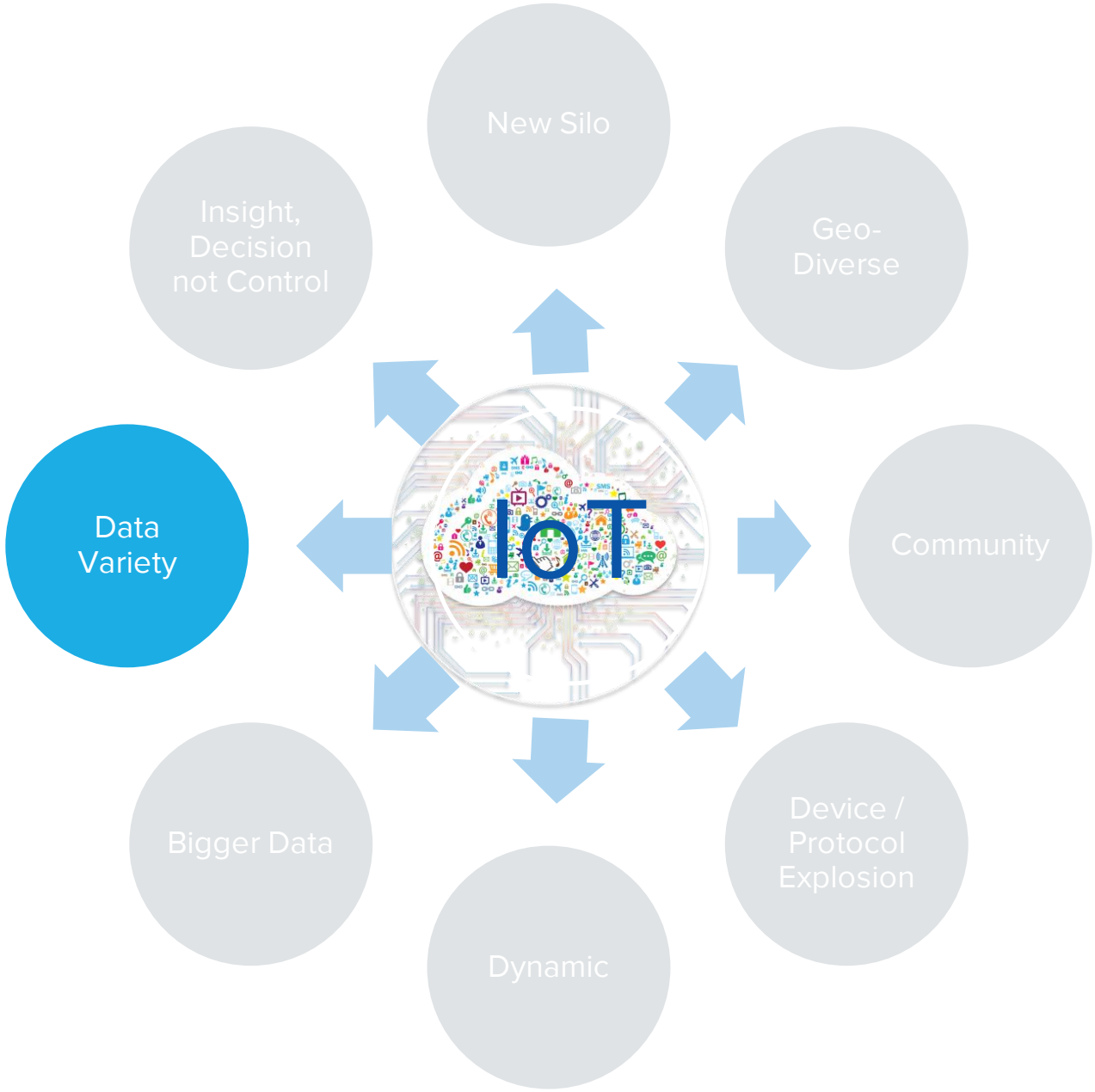
Data Variety



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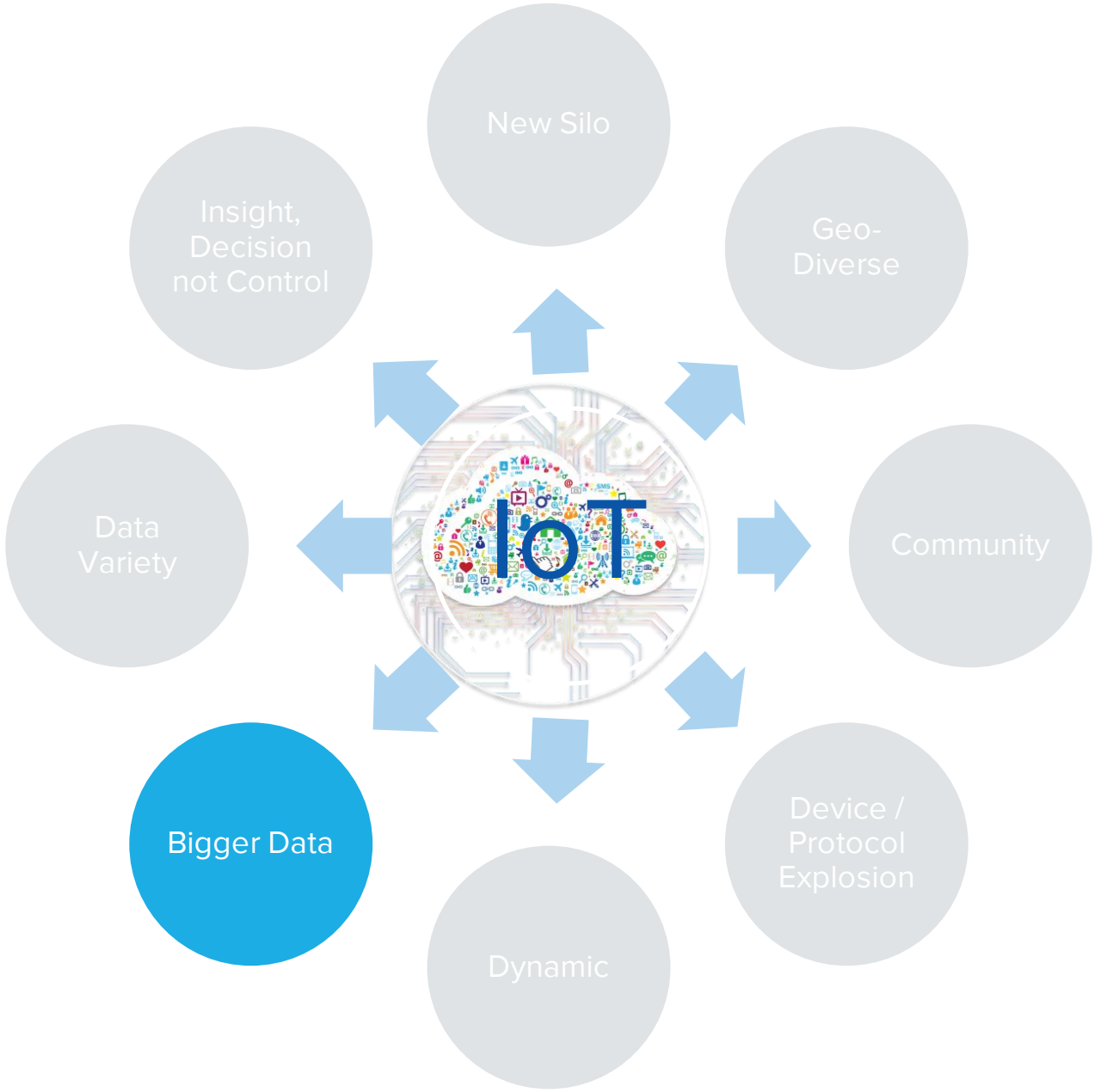
Bigger Data



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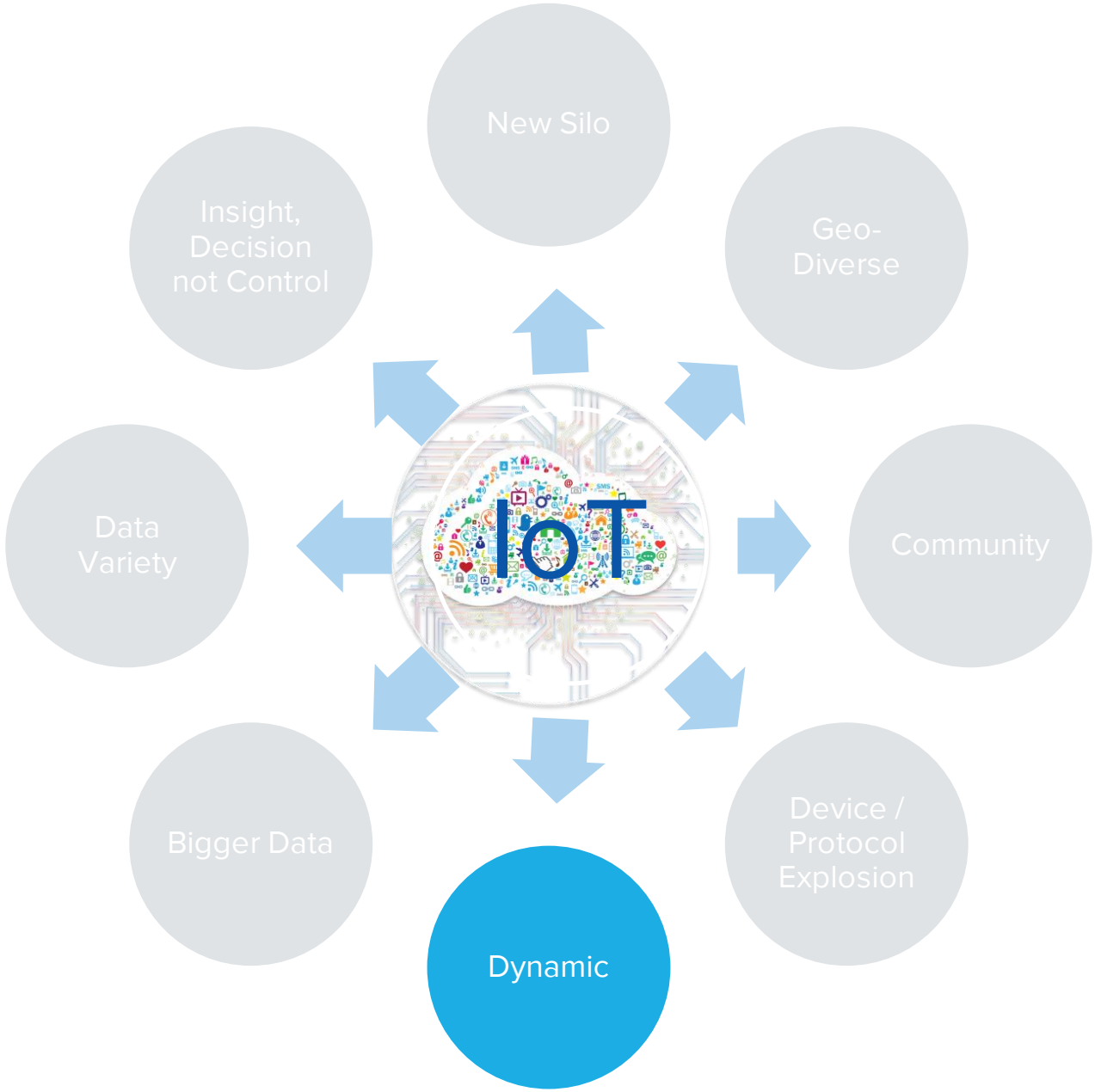
Dynamic



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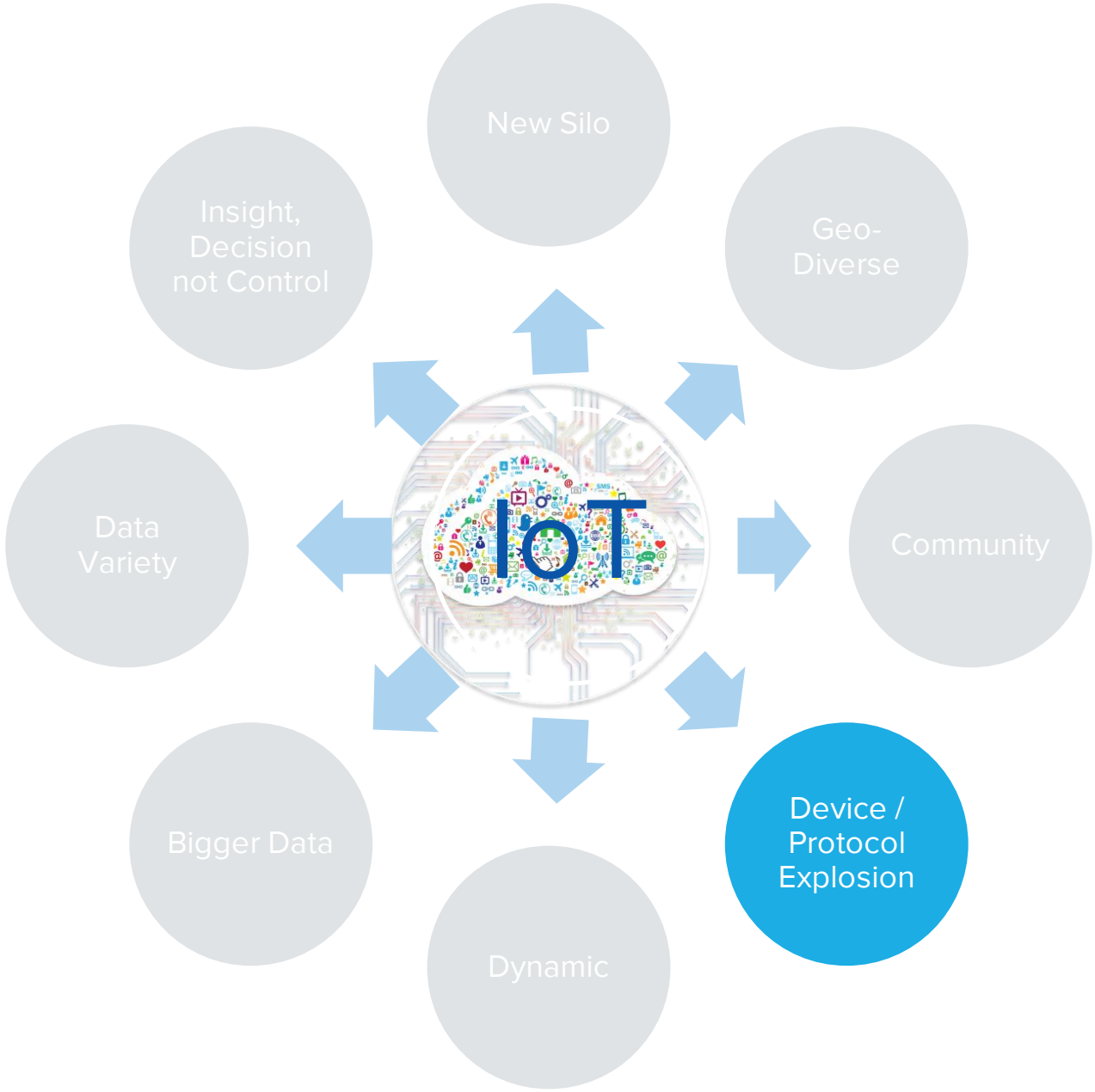
Device / Protocol Explosion



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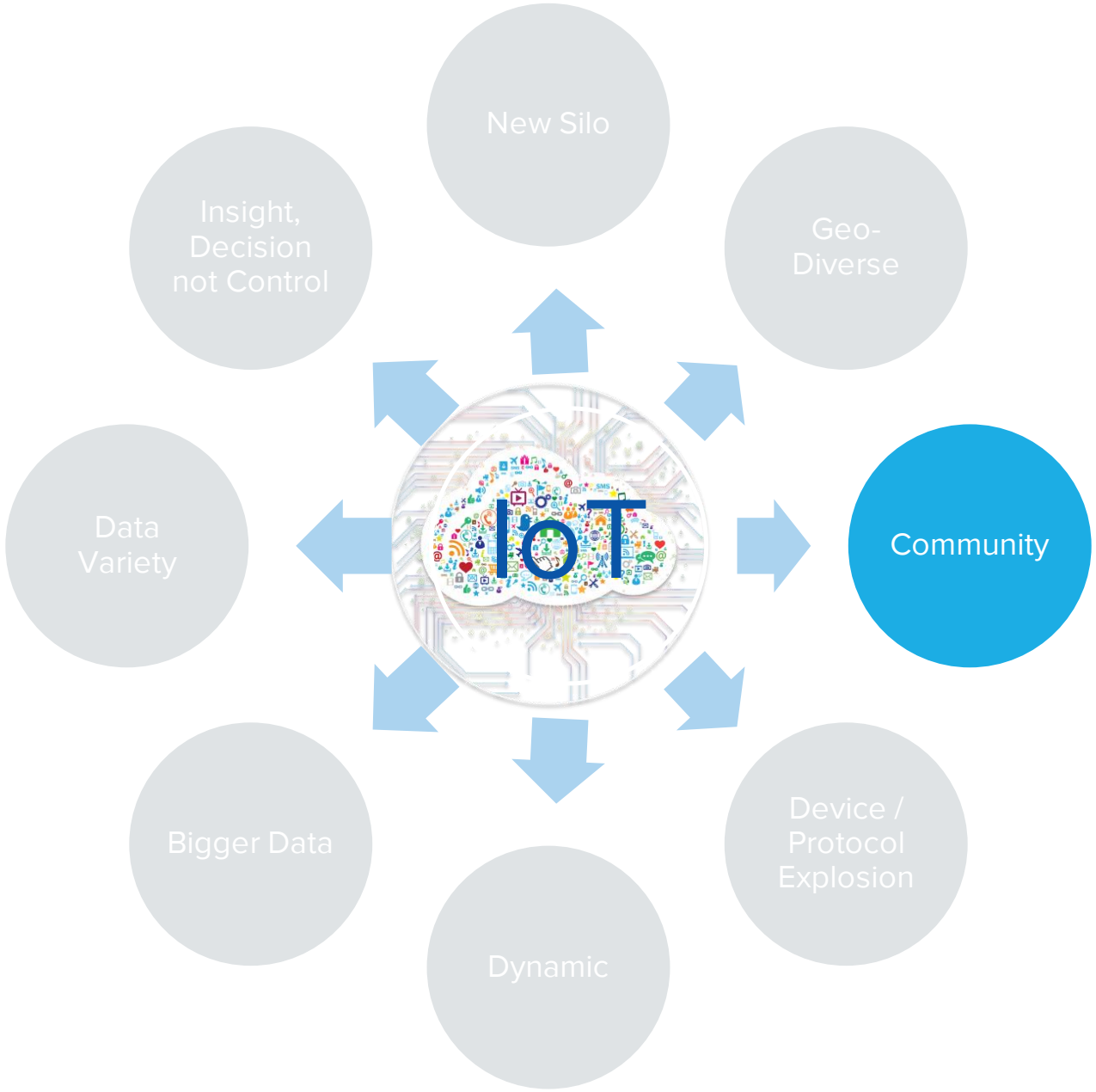
Comunity



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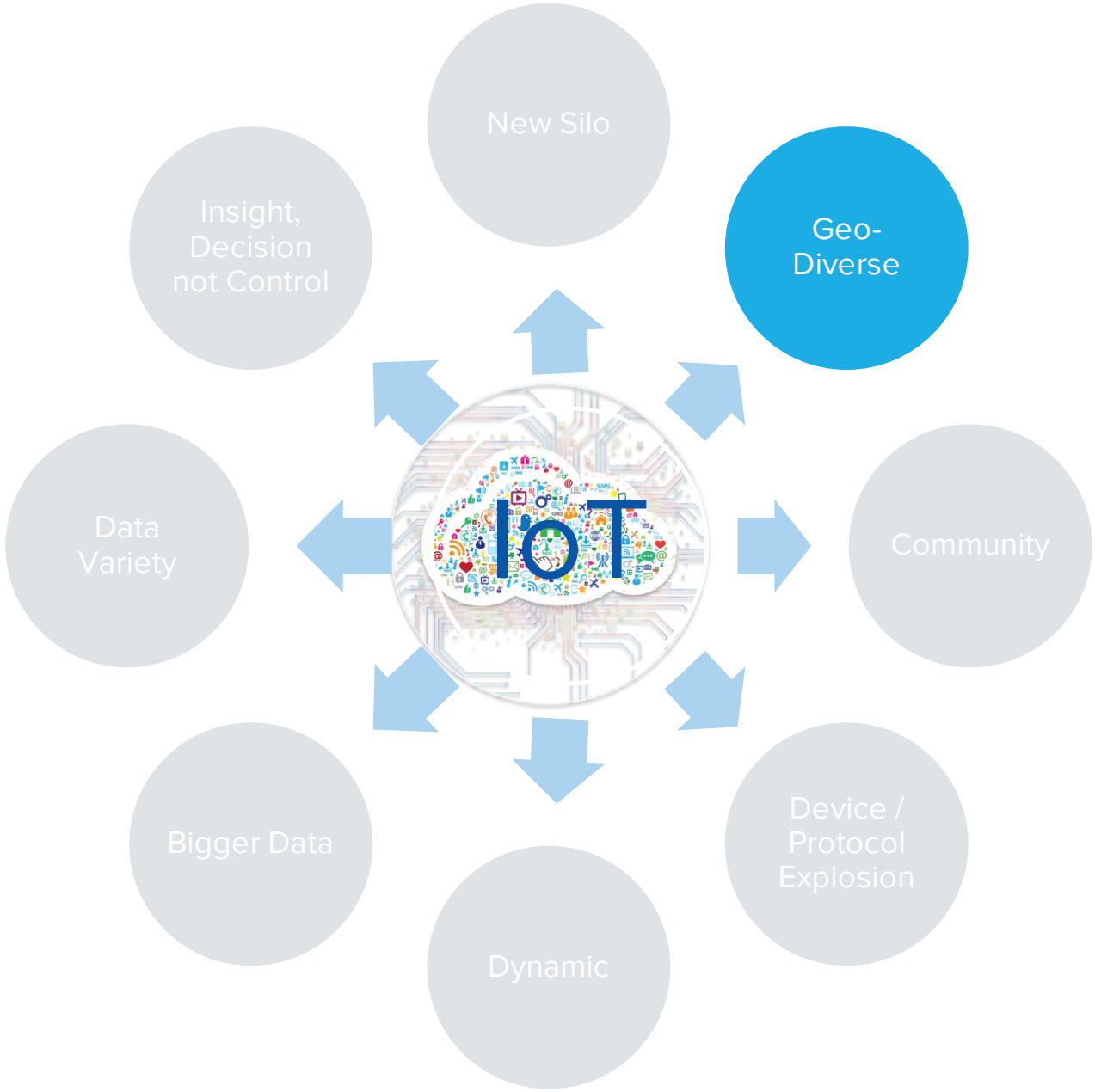
Geo Diversity



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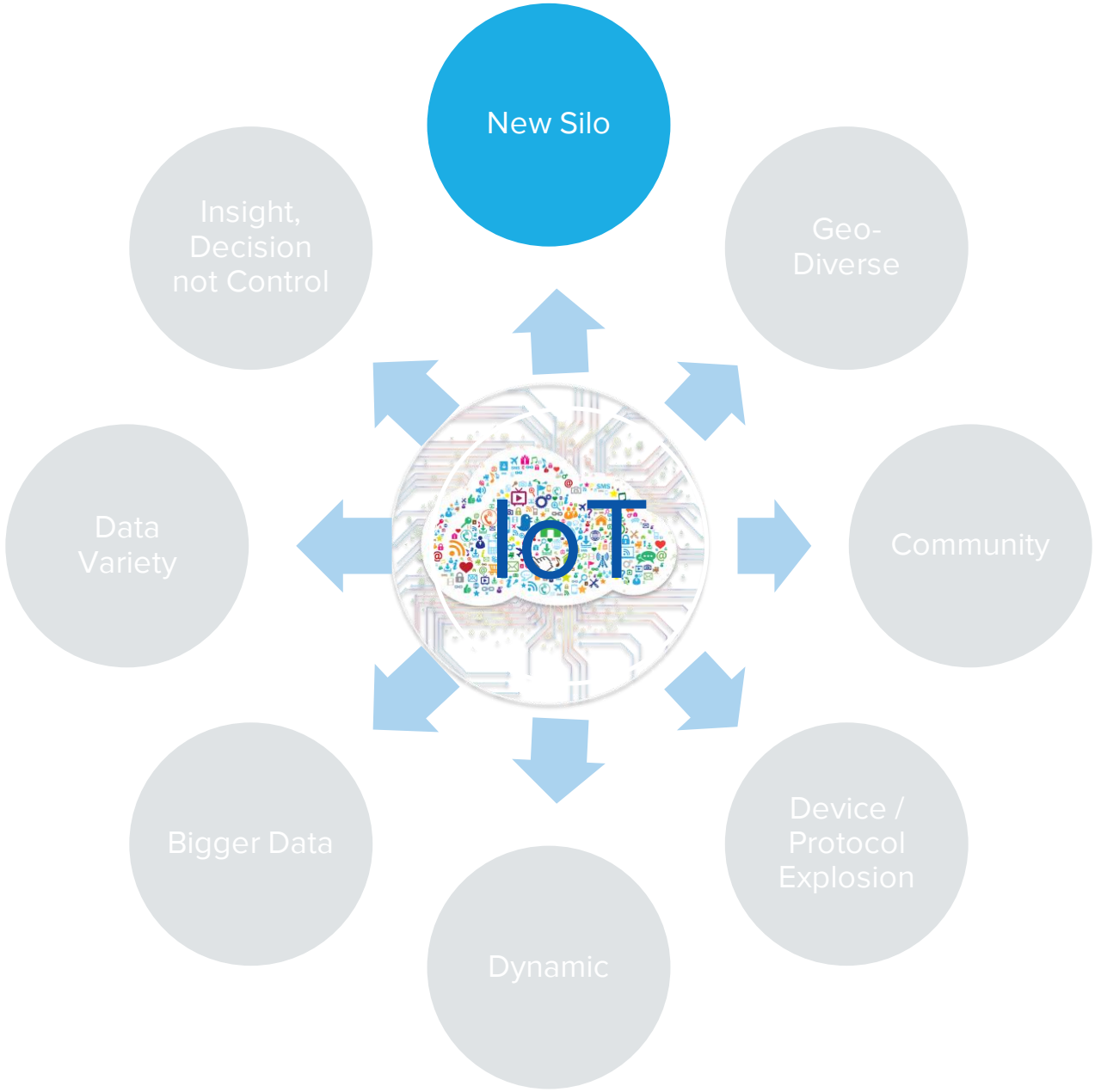
The New Silo



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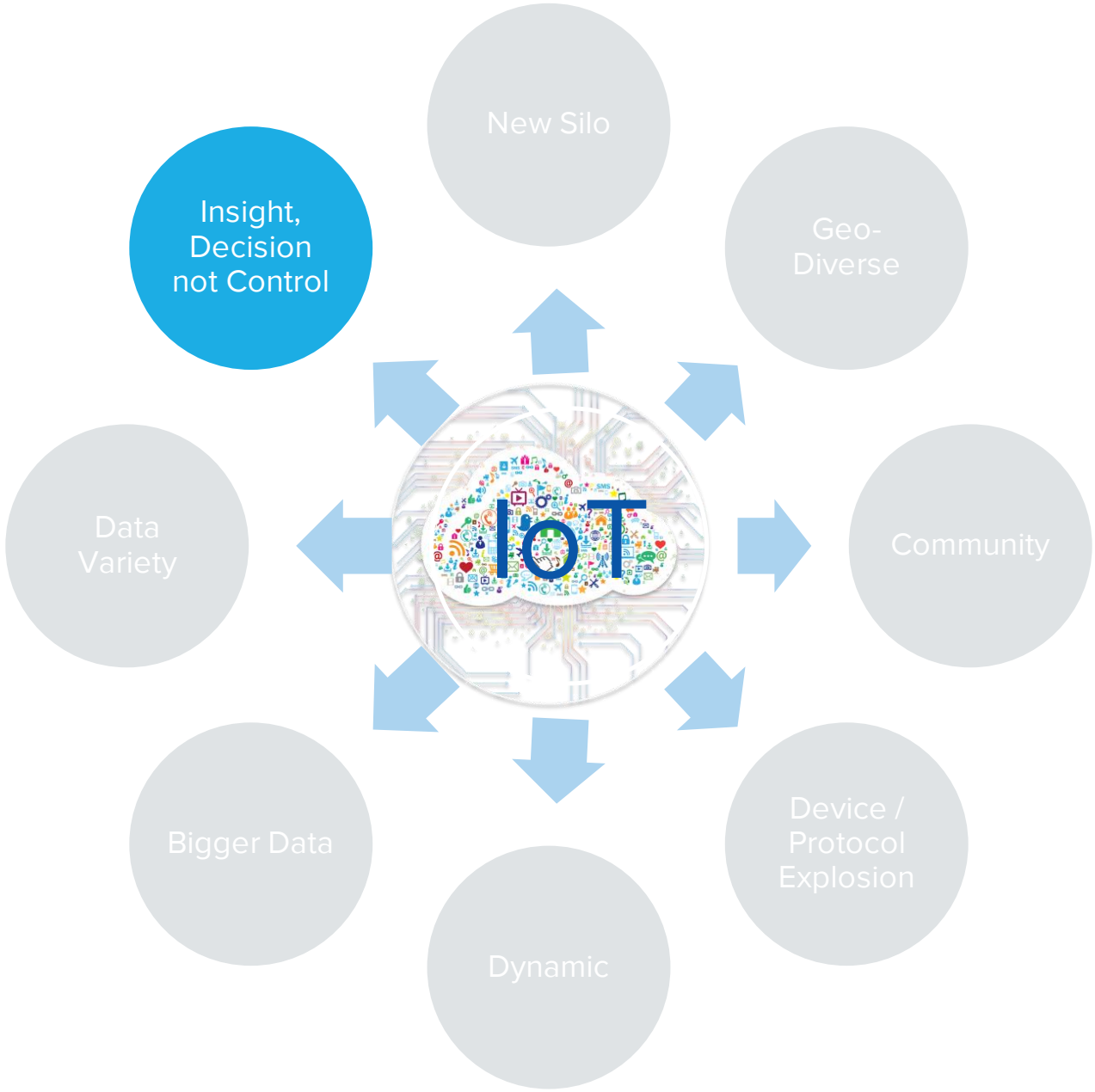
Insights and Decisions



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Take Away

IoT is driving significant change and creating paradigm shifting opportunities.

When building applications and solutions around IoT, the PI System Infrastructure and OSIsoft is your trusted partner to rapidly realizing operational and business value now and positioning for the changing landscape and emerging opportunities.

You cannot spell “IoT” without “PI”.

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THANK YOU

OSIsoft is your trusted ally in your IoT journey.

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