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INSTITUTO SUPERIOR DE  
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Área Departamental de Engenharia de Eletrónica e Telecomunicações e de Computadores  
Licenciatura em Engenharia Informática e de Computadores

# Smart Cities

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PROJETO E SEMINÁRIO

SEMESTRE DE VERÃO 2017/2018

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«one that makes optimal use of all the interconnected information available today to better understand and control its operations and optimize the use of limited resources»

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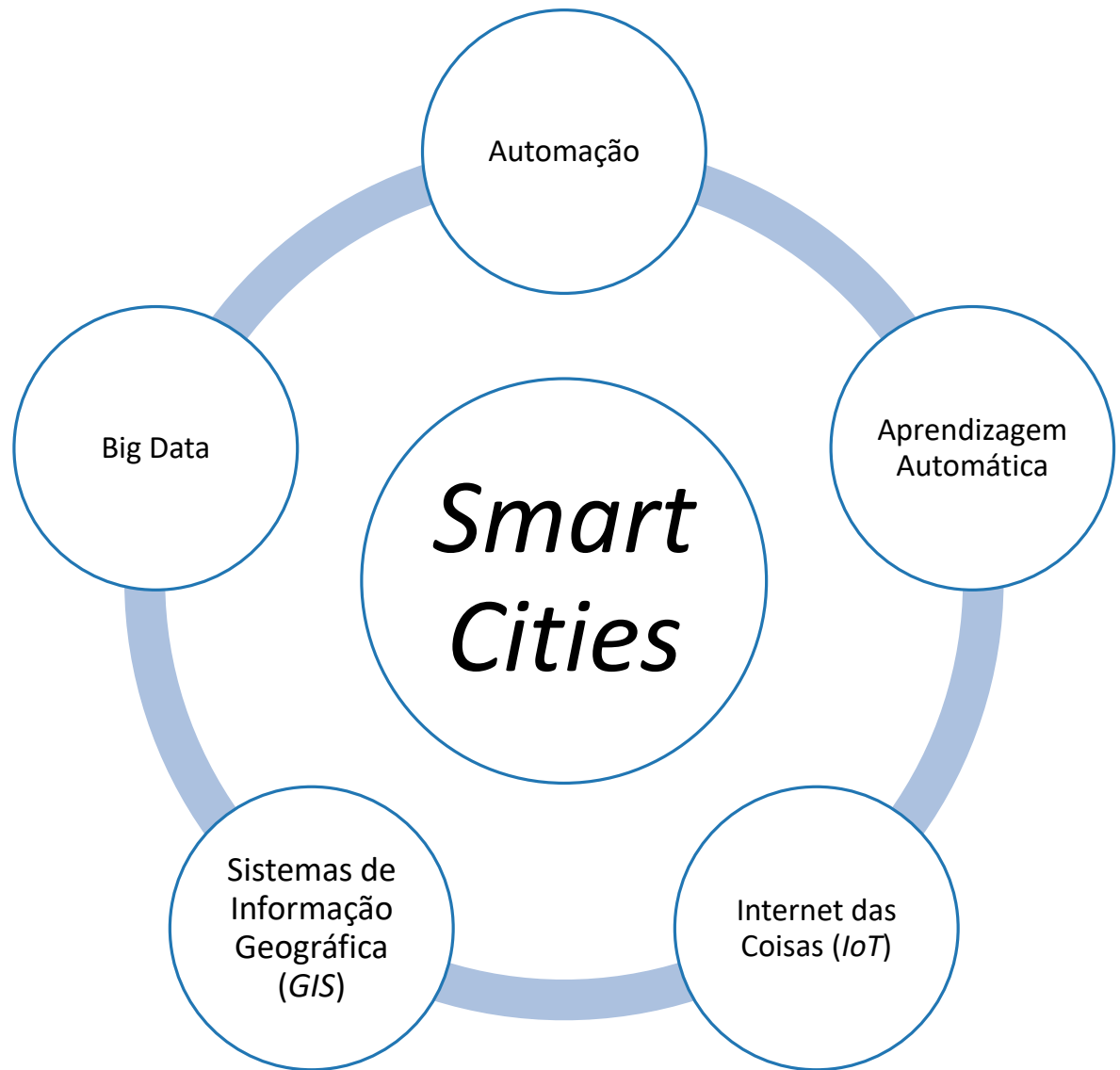
A IBM DEFINE “SMART CITY” COMO

«scalable solutions that take advantage of information and communications technology (ICT) to increase efficiencies, reduce costs, and enhance quality of life»

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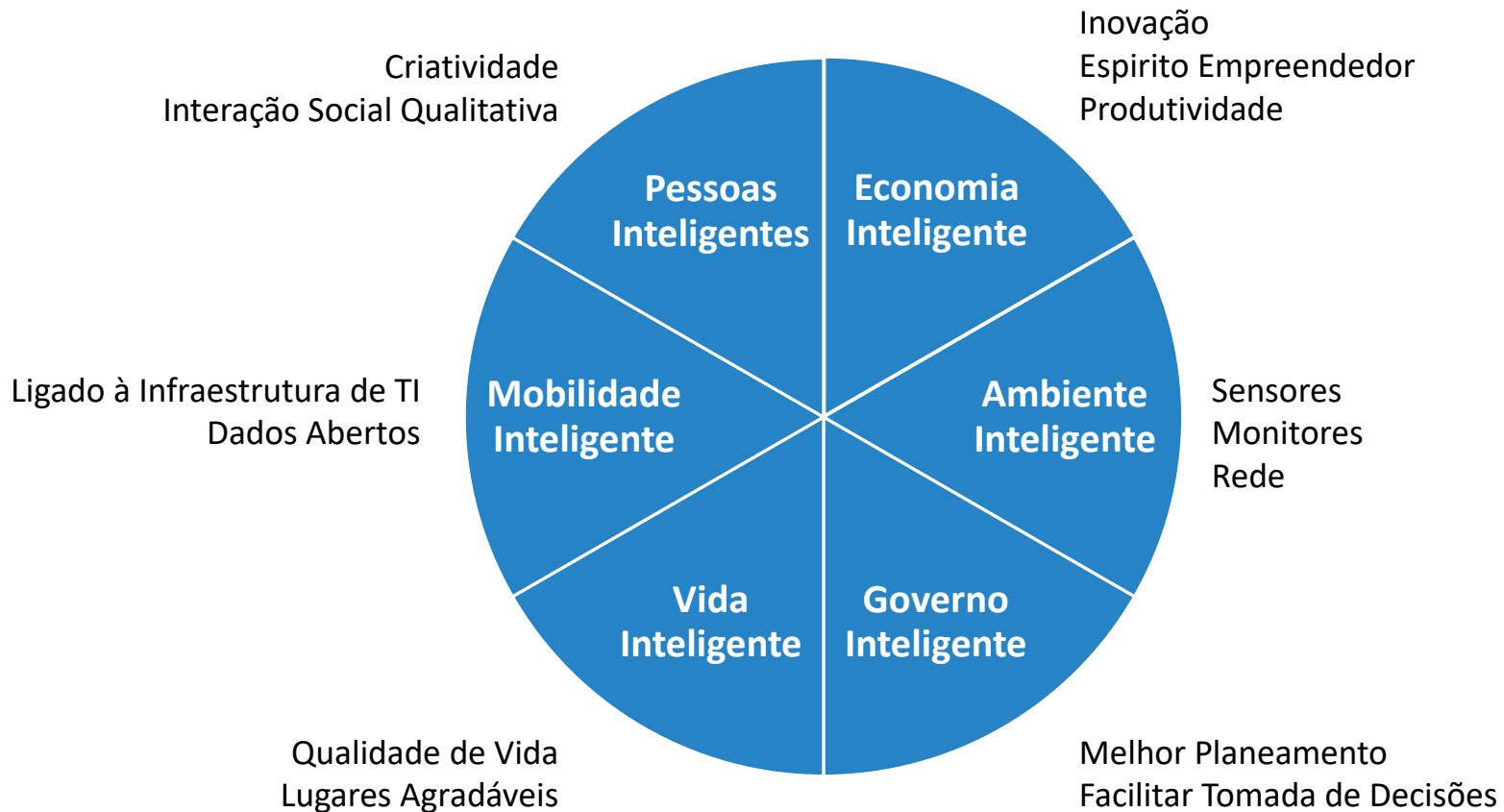
A CISCO DEFINE “SMART CITY” COMO

# Introdução



# Como Funcionam as *Smart Cities* ?

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CityBikes app, App&Town, SOS info built thanks to **Open Data** of the City

IoT trash cans report their real-time status

ApparkB and Bicing encourage **smart mobility**

Smart City Campus Innovation Area to promote synergies and **innovation in urban solutions**

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Smart City Campus  
Innovation Area to  
promote synergies and  
**innovation in  
urban solutions**

## Exemplo 2 – Amesterdão

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am **smart** erdam  
**city**





# Exemplo 3 – Dubai



## Dubai Internet of Things Strategy

Building the most advanced Internet of Things ecosystem in the smartest city on earth.



# Conclusões



O conceito de cidades inteligentes persistirá no futuro.



As tecnologias inteligentes podem fornecer soluções para as cidades.



Como proteger as *Smart Cities* de vulnerabilidades?



Expansão das *Smart Cities* até às *Smart Homes*.