

# IoT challenges

State of the art

Aghiles DJOUDI

LIGM/ESIEE Paris & SIC/ECE Paris

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# Outline

1. Introduction

2. Conclusion

# Context

## Introduction

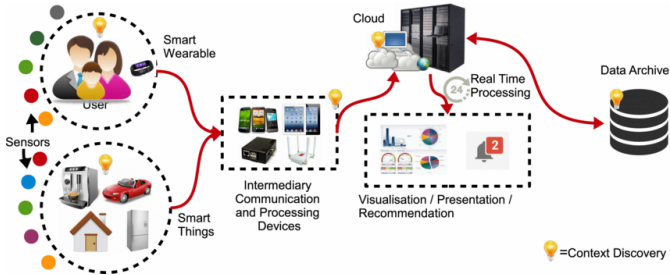


Figure 1: The IoT platform.

1. [1] Connect sensors to the gateway[1].
2. Connect the gateway to the infrastructure.
3. Store & Analyze sensors data[2].

[1] Musa Ndiaye, Gerhard Hancke, and Adnan Abu-Mahfouz. "Software Defined Networking for Improved Wireless Sensor Network Management: A Survey". In: 17.5 (May 4, 2017). 00053, p. 1031.

[2] Pascal Thubert, Maria Rita Palattella, and Thomas Engel. "6TISCH Centralized Scheduling: When SDN Meet IoT". In: 2015 IEEE Conference on Standards for Communications and Networking (CSCN). 00033. Tokyo, Japan: Oct. 2015, pp. 42–47.

# Problematic

Where is the problem ?

- ➡ lack of quantitative tools
- ➡ How to select the **best** access point

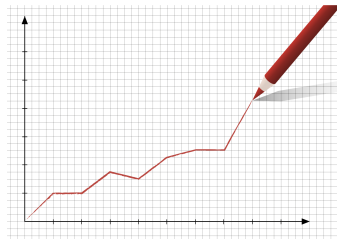


Figure 2: tets.

# Motivations

Why should we fix these problems ?

- 1.
2. QoS Analysis
3. Threats

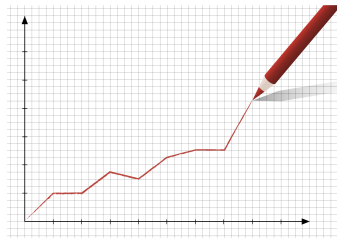


Figure 3: tets.

# Goals

specific, measurable, achievable, réalistic, for 3 years ?

1. Allow heterogeneous network to communicate
2. QoS Analysis
3. Threats

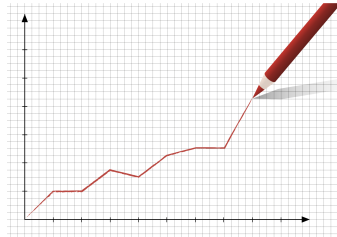


Figure 4: tets.

# Challenges

Where is the difficulty ?

1. Challenge 1
2. Challenge 2
3. Challenge 3

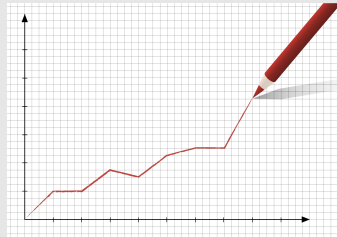


Figure 5: tets.

# Contributions

How could be addressed ?

1. Contribution 1
2. Contribution 2
3. Contribution 3

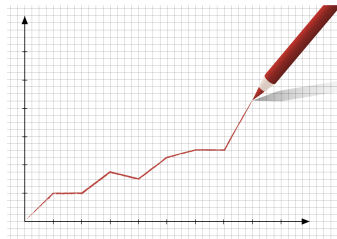


Figure 6: tets.



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# Conclusion

Our main goal was



Our main contribution was



Our main results was



# Future Challenges

## Conclusion

Our future goal was



# Future Challenges

## Conclusion

Our future goal was



# Thank you !

# References

- [1] Musa Ndiaye, Gerhard Hancke, and Adnan Abu-Mahfouz. " Software Defined Networking for Improved Wireless Sensor Network Management: A Survey ". In: 17.5 (May 4, 2017). 00053, p. 1031 (p. 4).
- [2] Pascal Thubert, Maria Rita Palattella, and Thomas Engel. " 6TISCH Centralized Scheduling: When SDN Meet IoT ". In: *2015 IEEE Conference on Standards for Communications and Networking (CSCN)*. 2015 IEEE Conference on Standards for Communications and Networking (CSCN). 00033. Tokyo, Japan: Oct. 2015, pp. 42–47 (p. 4).