



BandTec

DIGITAL SCHOOL



Tecnologia da Informação **Aulas** ***Arquiteturas de TI***

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box house chicago, il

The conceptual premise is a technical challenge: providing well designed housing for a transient population in an efficient enough, the greater challenge, however, is providing a sense of human security and belonging to individuals placed there en masse.

This is the starting point of our exploration. The longer (vertical)

dwelling
The solution presents itself partially in a concrete box system. The otherwise functionless block is elevated to a higher position, a protective cover, being on the ground side of house. All other elements become secondary off the shaft, mostly available items, including marine elements, built the interior. Finally essential materials, such as brick round kitchen, wrap the exterior.

one of the most expensive items on the menu, a large picture window, offers a great sense of independence and freedom to an otherwise small living space. It provides an unparalleled view to the surroundings, defining the idea of belonging.

well
Because of its mobility, the dwelling can be arranged in a variety of ways creating any number of site specific forms in Chicago and around the world as well.

flexibility
The house can be assembled in as little as two days. All interior work is done off-site. Once foundations are ready, the "dwelling box system" is lowered to the site and internal connections are initiated.

CONSTRUCTION & PRICING

1. Foundation

10' foundations

high strength concrete

price \$2,400

2. Concrete assembly

concrete box system

concrete 12' x 12' x 12'

price \$12,000

3. exterior wall assembly

1/2" thick exterior panels

exterior insulation sheathing

1/2" thick exterior panels

price \$1,400

4. interior wall assembly

1/2" thick interior panels

interior insulation sheathing

1/2" thick interior panels

price \$1,400

5. bathroom

1/2" thick bathroom panels

1/2" thick bathroom panels

price \$1,400

6. windows

1/2" thick windows

1/2" thick windows

price \$1,400

7. window assembly

1/2" thick window panels

1/2" thick window panels

price \$1,400

8. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400

9. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400

10. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400

11. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400

12. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400

13. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400

14. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400

15. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400

16. roof assembly

1/2" thick roof panels

1/2" thick roof panels

price \$1,400



PLAN
10' x 12'



SITE PLANS



Single Building

a conservative layout, all units connect and meet the competition's requirements



Three-Building

a mix of commons and dwellings address the current life individually and wholly



Individual Building

a stand-alone home, placed anywhere, creating the possibility of using the culture at any location, urban or rural

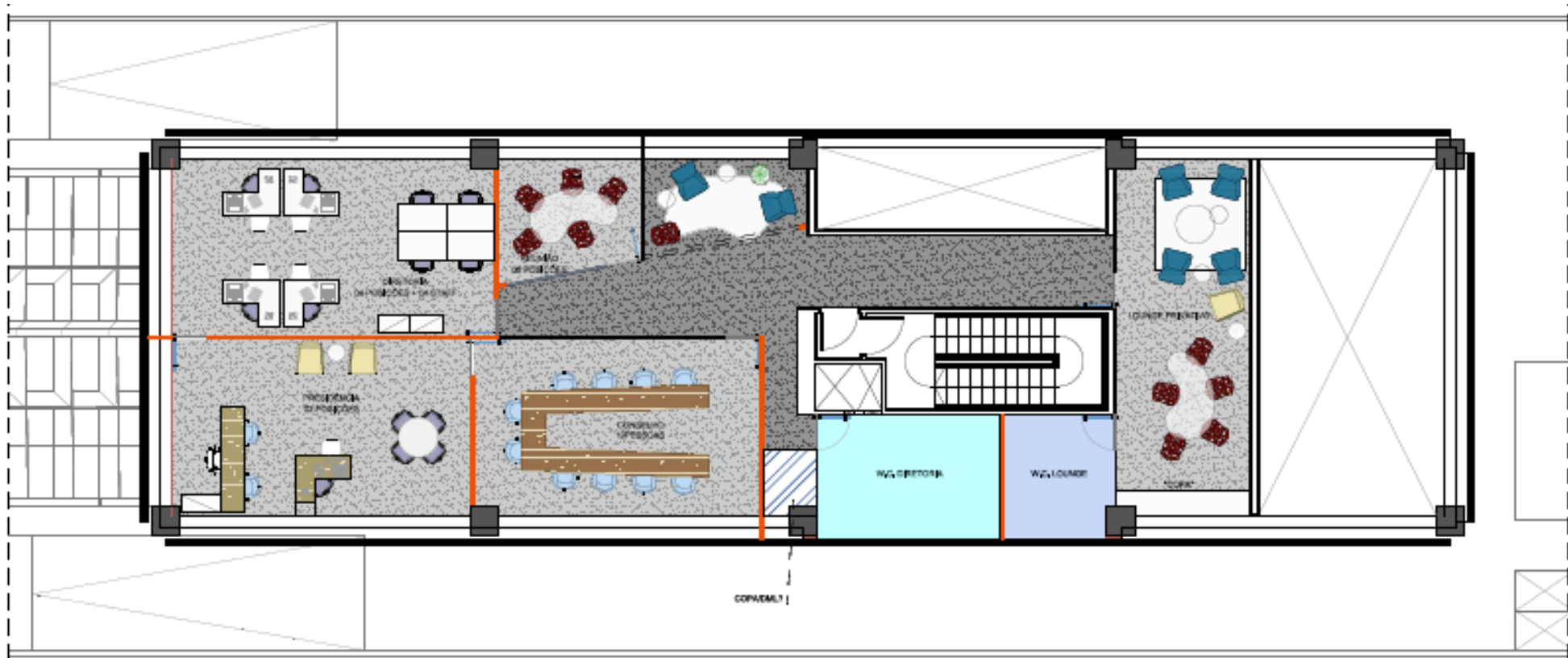


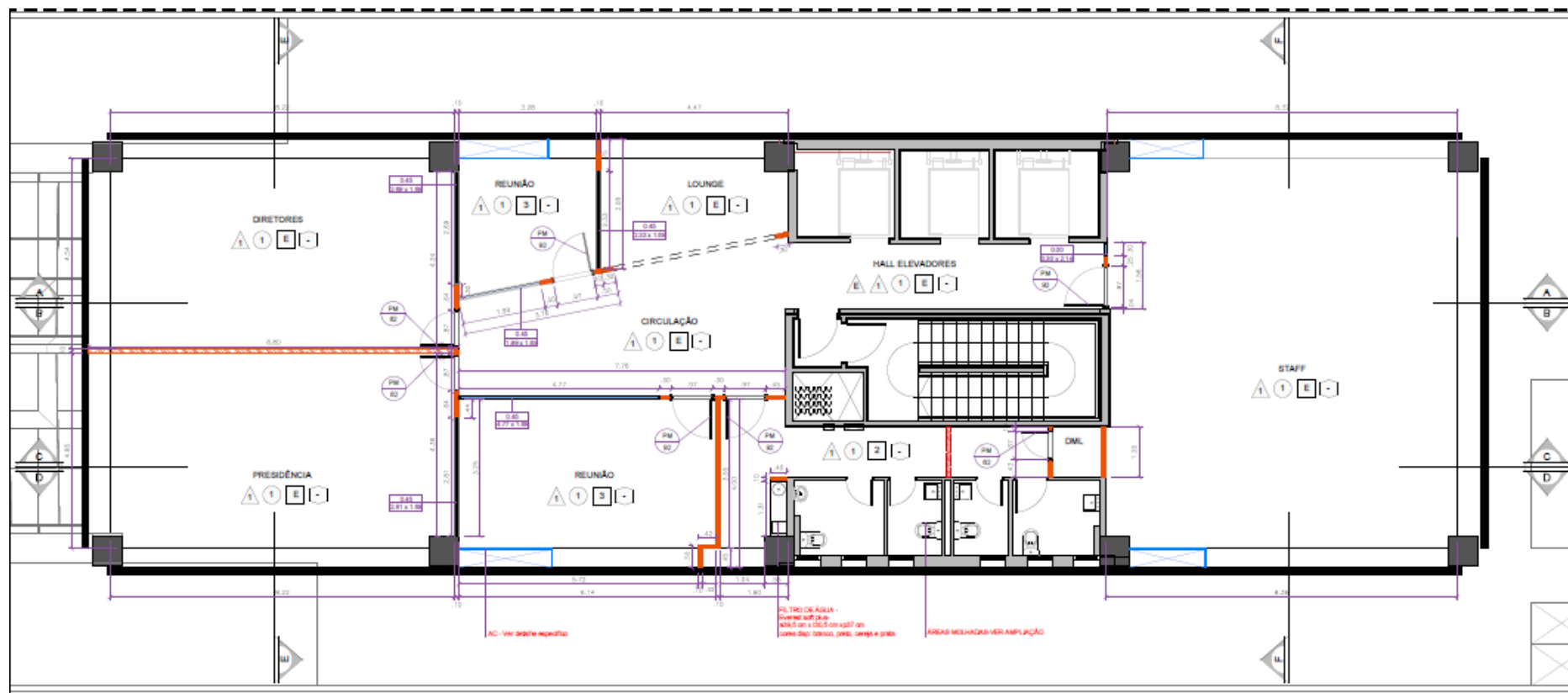
ELEVATIONS
10' x 12'



SECTIONS
10' x 12'





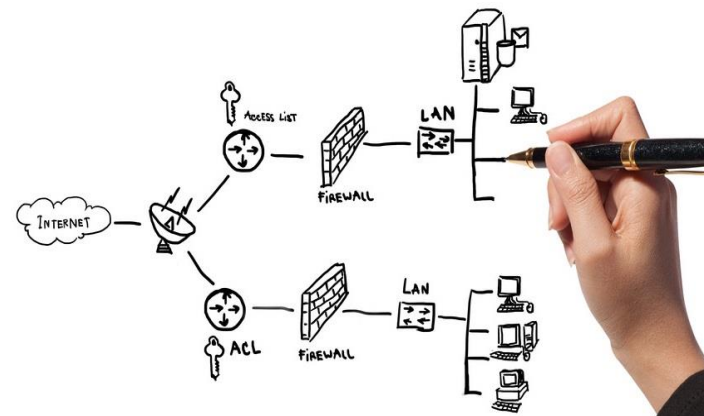


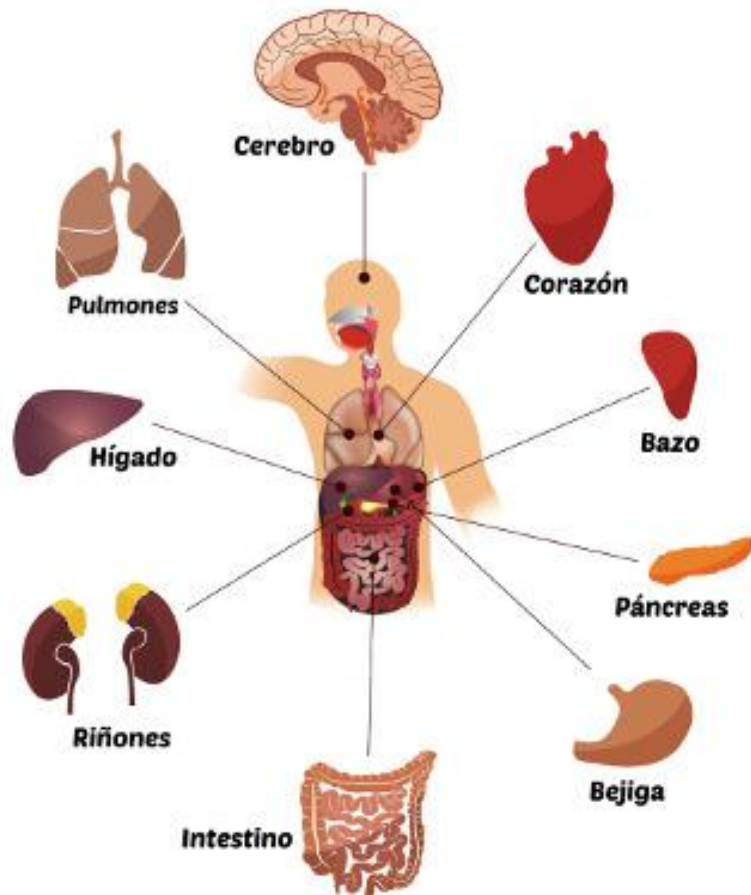
Arquitetura de TI

O que o Dicionário diz:

É um mapa ou plano de **alto nível dos recursos tecnológicos** e de informação de uma organização ou de uma determinada solução.

- Visão Geral;
- Entendimento e Organização;
- Conexão entre os elementos;
- Visualização de problemas e/ou oportunidades.

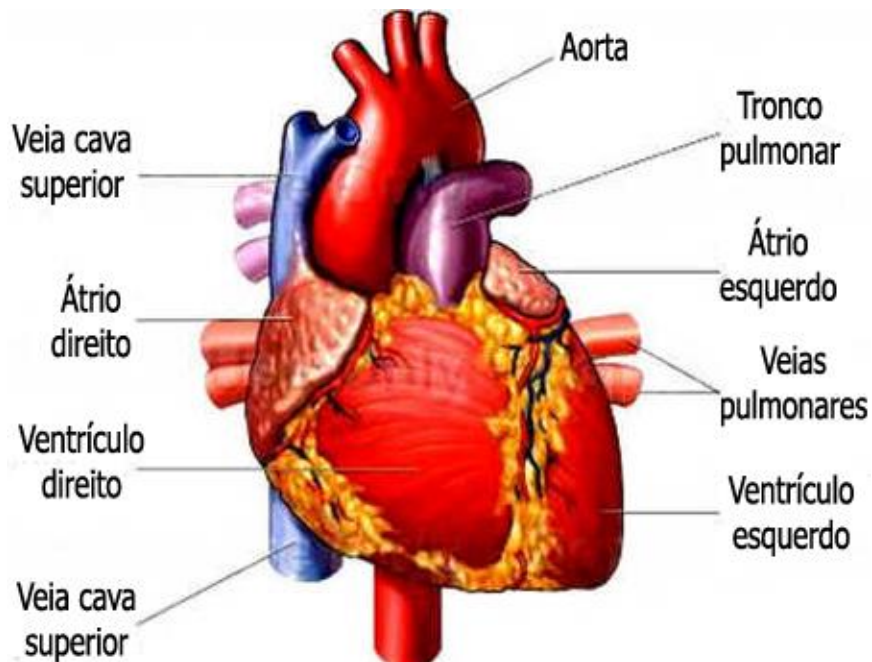




- É o **projeto geral do sistema** - abrangendo por exemplo a arquitetura do sistema e suas conexões;
- O desenho **de alto nível fornece o design geral** do sistema em termos de arquitetura **funcional**;
- Ele descreve a **relação** entre vários módulos e funções do sistema - **fluxo da informação, modelos e processos de negocio e estruturas de dados** são cobertos em HLD;
- Isso é muito importante para o cliente, usuários e até para o time de desenvolvimento **entenderem o fluxo do sistema e da solução**;
- Nesta fase a equipe de arquitetura, requisitos, desenvolvimento, infraestrutura e clientes desempenham um papel importante.

Arquitetura de TI

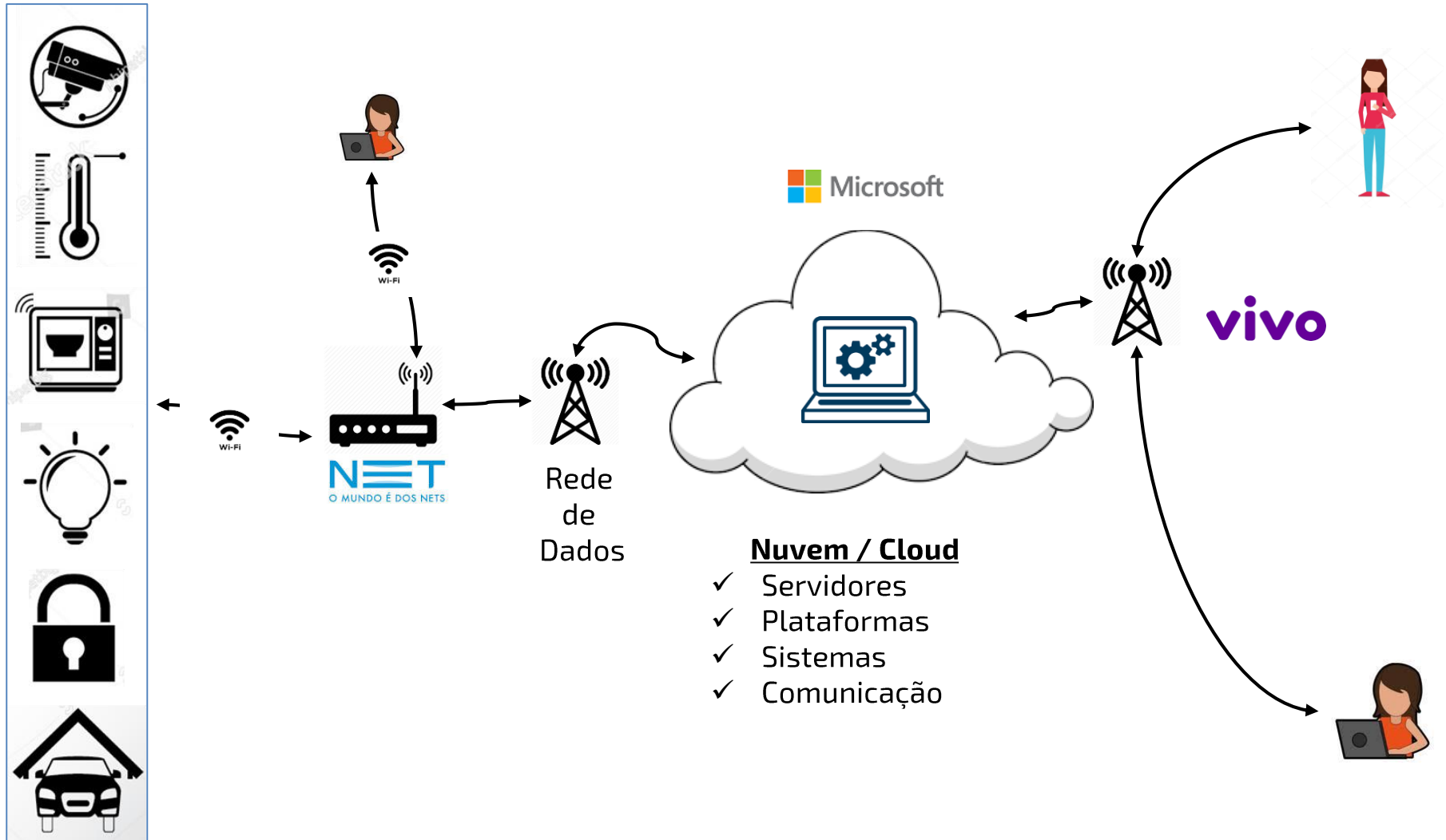
LLD - Low Level Design



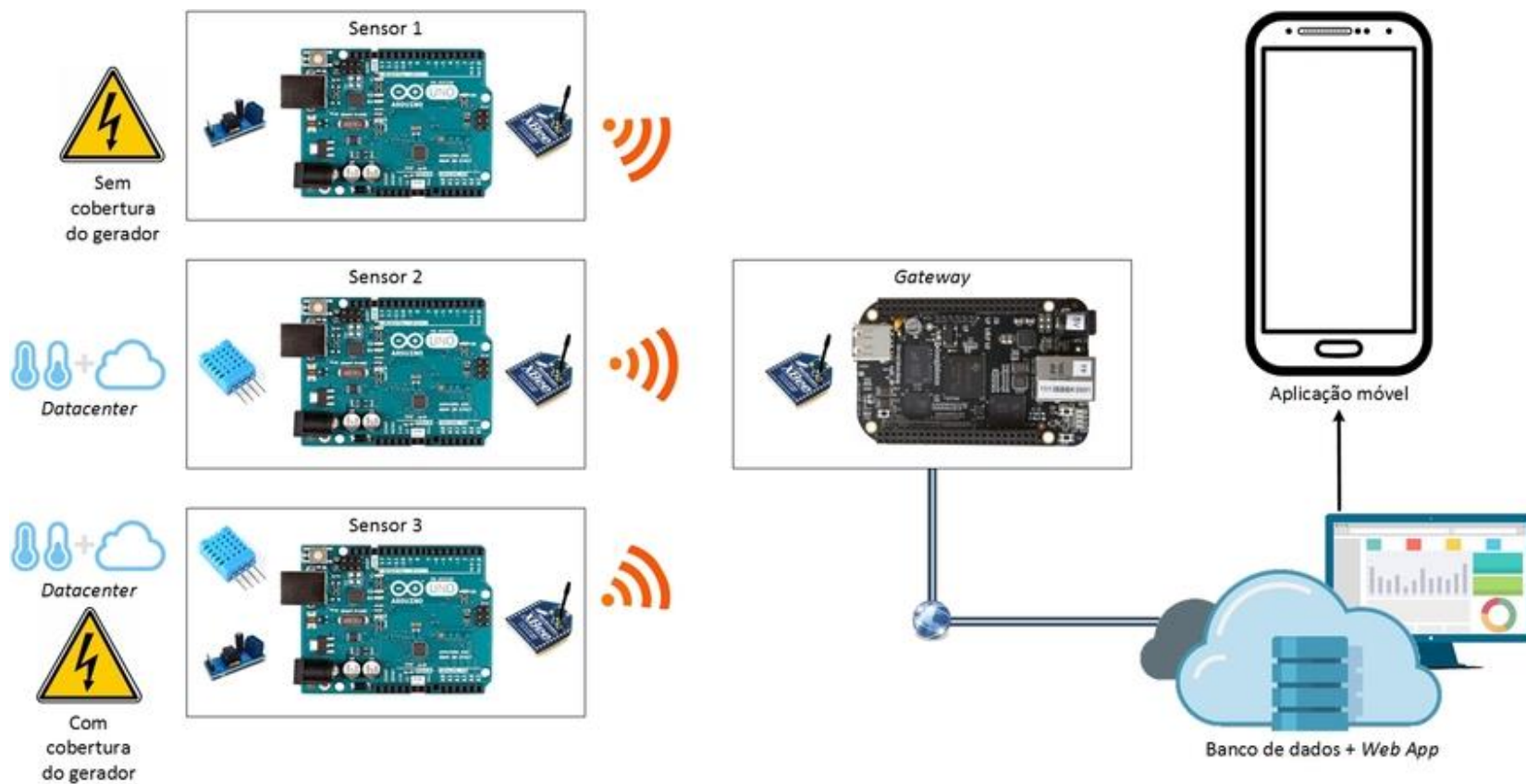
- O LLD é o **detalhamento** do HLD;
- Define a **lógica real** para cada um dos componentes do sistema;
- **Detalha** as tecnologias, componentes, características e requisitos envolvidos;
- As **especificações** dos programas estão cobertas pelo LLD;
- A visão é dividida em **módulos e/ou programas** separados para cada solução e depois documentado pelas especificações do programa.

Arquitetura de TI HLD / Desenho da Solução

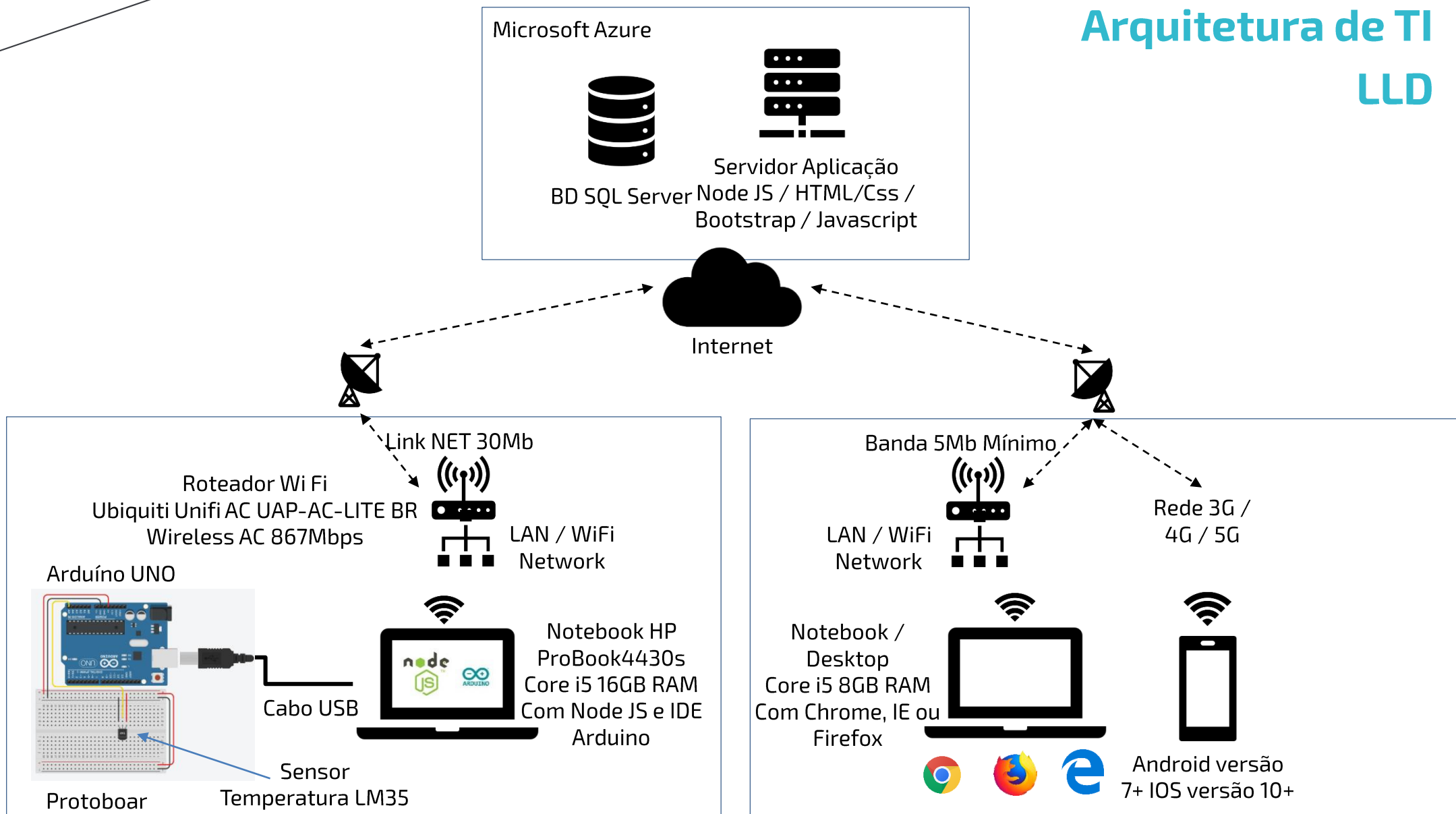
Dispositivos



Arquitetura de TI LLD



Arquitetura de TI LLD



Obrigado!

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