



IOT HEALTH





## About me



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## AGENDA

01 Company Presentation

02 Portfolio

03 Innovation

04 Seidor Labs Capabilities

05 IOT Proposal



## AGENDA

### 01 Company Presentation



## Seidor in the World



International privately owned Spanish IT Services Group, founded in 1982 in Barcelona



Presence in Europe, Latam, USA & Middle East



36 Offices in 16 countries



Total Turn over 205 Million € in 2015 (+15%)



2.600+ employees

More than 7.000 customers



## AGENDA

02 Portfolio



## Portfolio of Products & Services



INFRASTRUCTURE



CONSULTING



TECHNOLOGY



## Portfolio of Products & Services



CUSTOMER



SW/HW

PROVIDER



UNIVERSITY

RESEARCH



## AGENDA

03 Innovation



The image is a composite of two photographs. On the left, there is a screenshot of a digital map application titled "HIMALAIA TRACKER". The map shows a mountainous terrain with contour lines indicating elevation. A red line traces a path through the mountains, ending at a yellow circle which contains a portrait of a man. Above the portrait, the text reads "Ferran Latorre" and "Makalu (8,485m)". Below the portrait, it says "LAST LOCATION UPDATE: 2016/05/23 - 11:52 GMT+3:45". The map also features a green shaded area representing a valley or specific region. On the right, a photograph shows a man standing triumphantly on a rocky mountain peak. He is wearing a blue jacket with the "seidor" logo, black pants, and a dark cap with goggles perched on top. He is holding a blue flag with the "seidor" logo in his right hand. In the background, a massive, snow-capped mountain peak rises against a cloudy sky. A small yellow tent is visible on the ground to the right.

Risks → Impact → Actions → Corrections → Summit

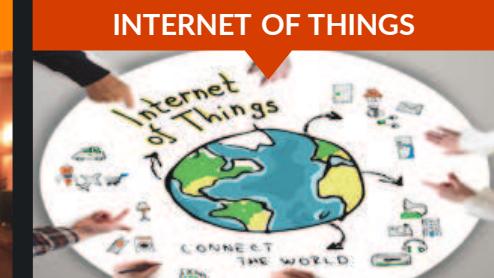


## AGENDA

### 04 Seidor Labs Capabilities



## SEIDOR LABS CAPABILITIES

|   |  |   |  |
|---|--|---|--|
| <b>AUGMENTED REALITY</b><br> | <b>GESTUAL CONTROL</b><br> | <b>VIRTUAL REALITY</b><br> | <b>INTERNET OF THINGS</b><br> |
| <b>eHEALTH</b><br>         | <b>INDUSTRY 4.0</b><br>  | <b>RETAIL</b><br>        | <b>ENERGY</b><br>           |



## AGENDA

05 IOT Proposal



## HEALTH TRANSFORMATION

Clinical Test

Patient Selection

Hospital visits

Multiple data sources

Evaluation Complexity

Remote Clinical Test

Central and Remote Management

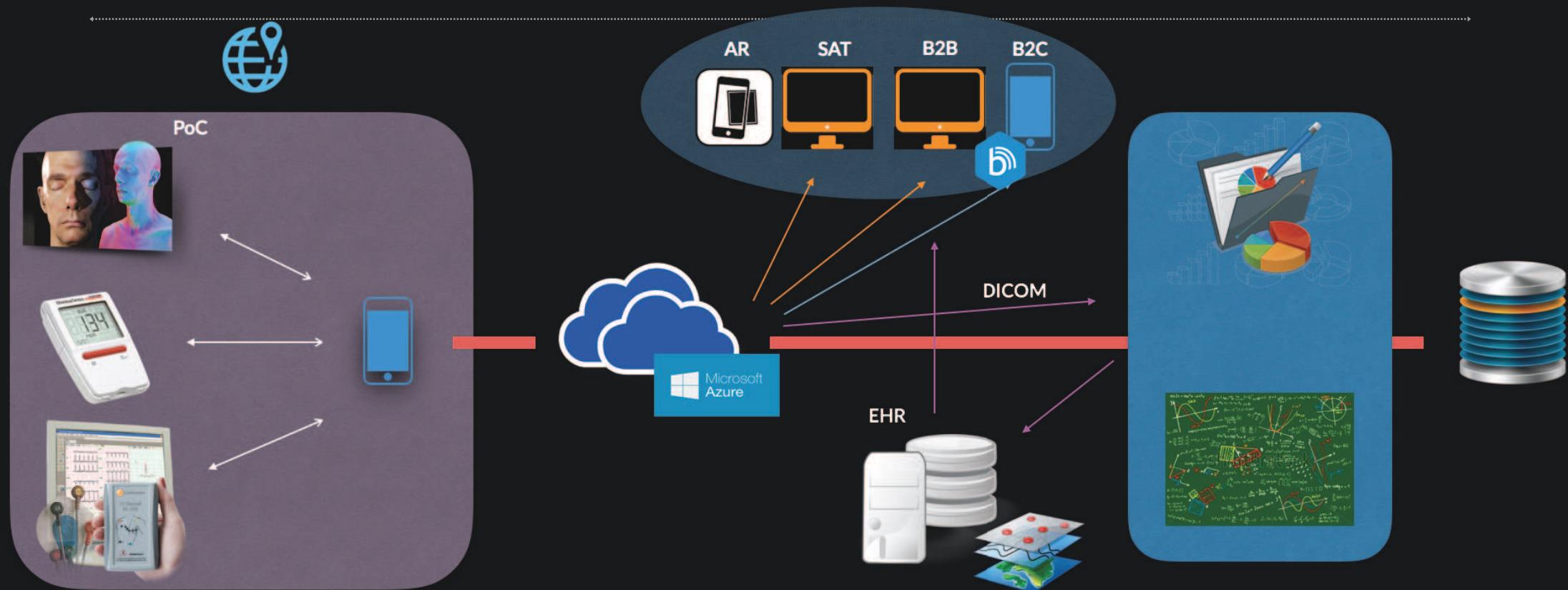
Data harmonization

Real time results

Fast feedback processing



## eHealth Complete Proposal



Things / Machines

Chipset &  
Protocols

Gateway &  
Communications

Cloud / Ingestor  
Logic

Transactional B2B B2C  
& Internal actuators

Business Intelligence &  
Predictive Analysis (planned)

Long Term  
Storage



## Detailed Modules

### IOT GATEWAY



 Modbus compatible

 Non Intrusive

 Programmable

 Interoperability / Obsolescence

 Local Storage

 Remote Configuration

 Connectivity

 Self Configuration



## Detailed Modules

CLOUD



 IOT Protocol

 Easy App Deployment

 Secure Storage

 Distributed

 Secure Communications

 Mixed

 Scalability

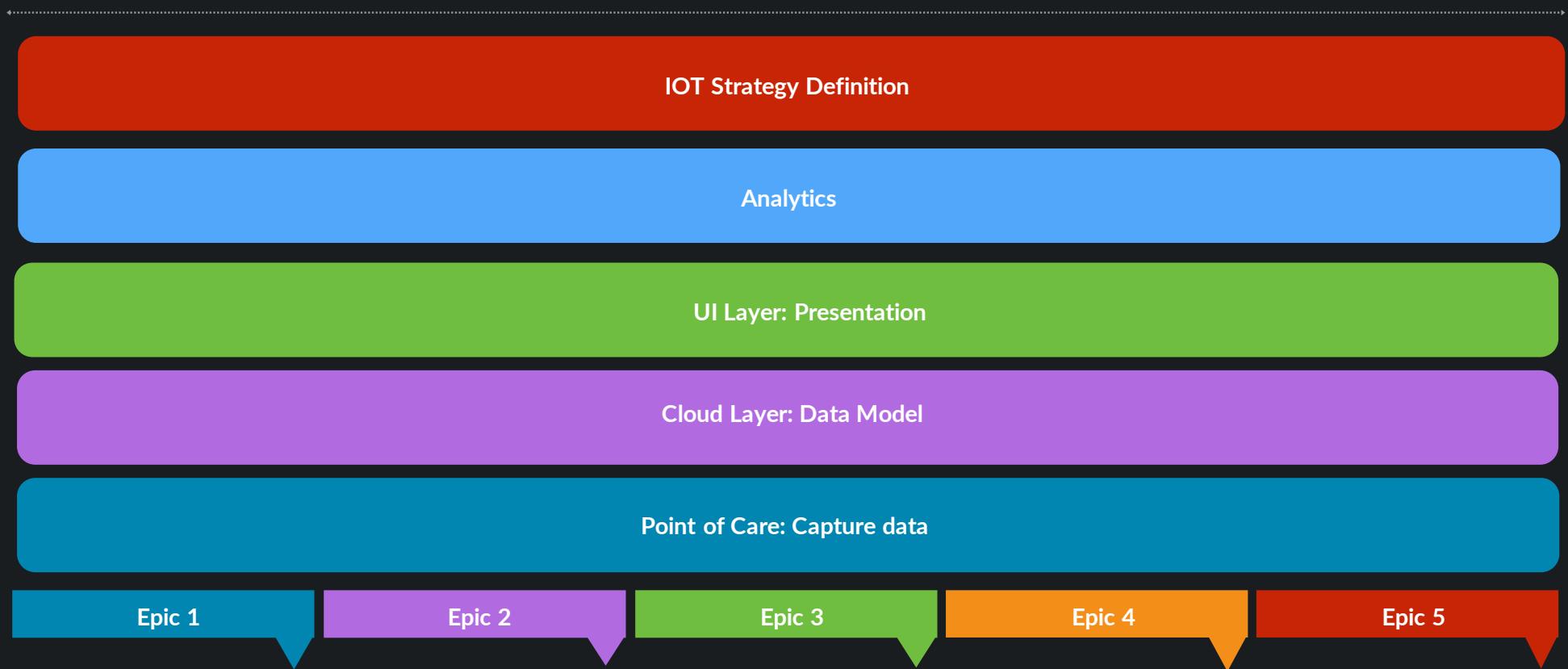
 Integration

 Management

 Licensing Metrics



## Estimated timing





## IOT Strategy Definition

### IOT Strategy Definition

To what should I connect? ●

How can I better predict interruptions and abnormalities? ●

How can I use IoT in my organization while remaining a high level of privacy? ●

How can I increase my ROI? ●

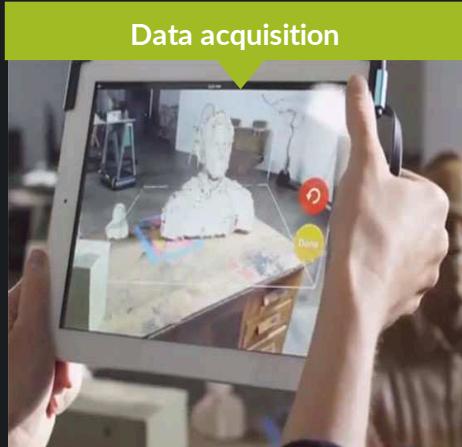
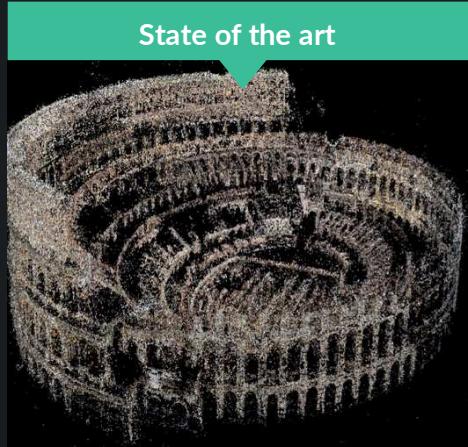


- What types of business applications can be developed specially for me?
- What existing IoT applications should I implement?
- What important insights can I gain by leveraging IoT?
- What technical solution should I use?



## Estimated proposal

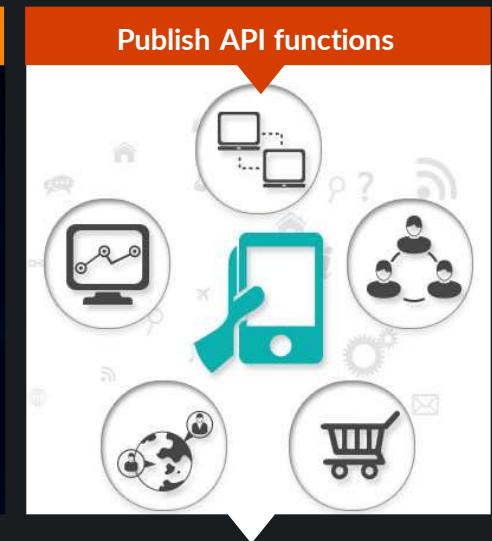
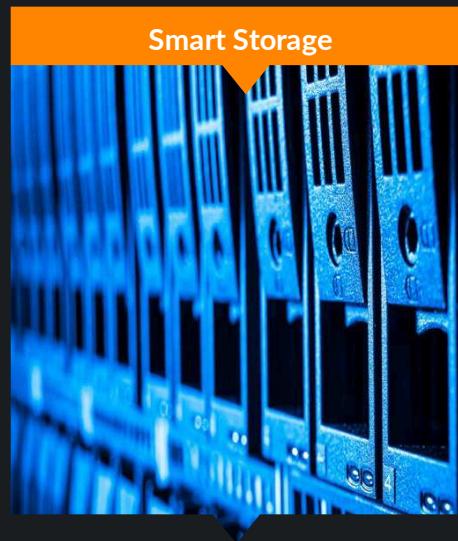
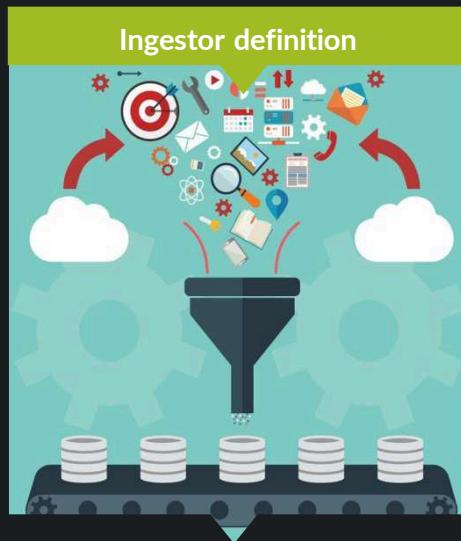
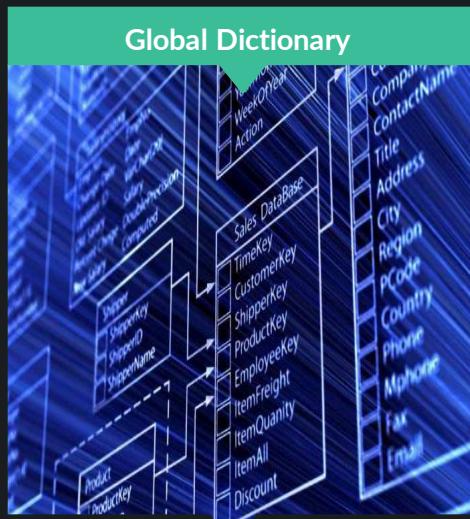
Point of Care: PoC





## Estimated proposal

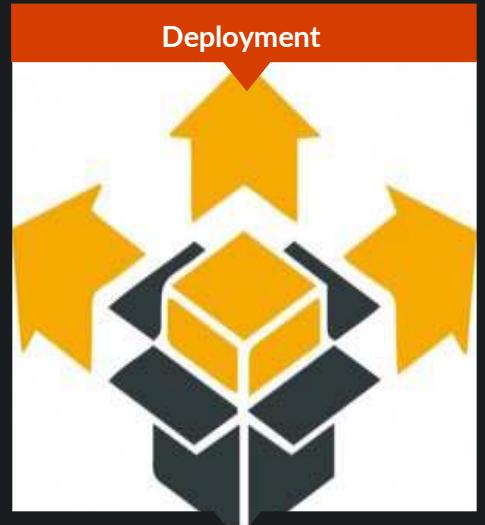
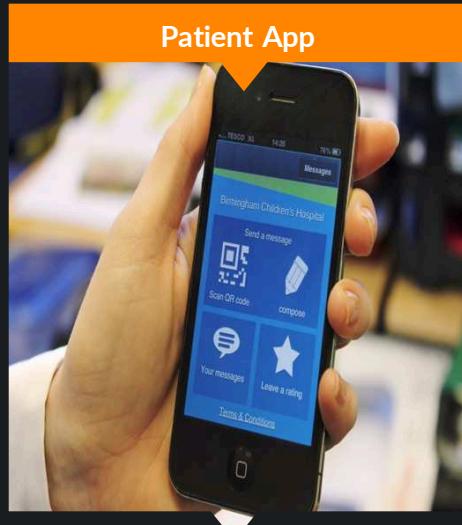
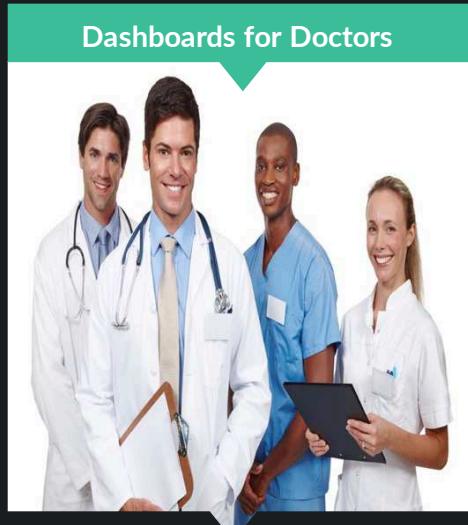
### Cloud Layer: Data Model





## Estimated proposal

UI Layer: Presentation





## Estimated proposal

### Analytics

**RAW data flow and Models**

```

Nov 24 10 E07 Nov 10 N 6 am 13 N 10 A Sep 13 04 N01 S
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9:am 08pm 05 Oct 09 Jul 03 602:102:am 01pm 108 Sep 02 07:203:am 02pm 11 Al
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Jul 15 Jul 9 14 Aug 01 08 am Jun 15 N 0d 14 Jul 06 01 am May 04 May 703
Jul 12 N Jun 11 Jul 10 S 3ft, N 9 1255 W May 04 Jun 03 S 4ft, N 6 we 06 S Apr
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Sep 08 N 05 W 19ft Sep 07 Nov 11 Oct, E Nov 23 ft Nov 11 Jan 11 Aug, N Sep W19 ft
7:am 06pm 03 Aug 07 May 01 212:609:am 08pm 05 Oct 09 Jul 03 02:107:am 08pm 03 Al
Aug 18 504 Aug 05 May Mar 04 Oct, Nov 22:06 Oct May 06 Aug 18:04 Al
17 Jul 10 J 11 N 05 Dec 05:721 Sep 10 S 0p 0201 pm 14V May Apr 4 Jul 1 N 166 P
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Sep 22 106.9, 3 des Jan 11 4, 21 Oct 10 Aug 01 Aug 01 Aug 01 Aug 01 Aug 01 Aug 01

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## Thank You



Thank you!

[www.seidorlabs.com](http://www.seidorlabs.com)

[www.seidorhealth.com](http://www.seidorhealth.com)

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