Problem-Solution fit canvas 2.0

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

The increasing adoption of robot-based industrial processing, the evolution of IoT in the industry, growing demands of smart and automated solutions.

5. CUSTOMER CONSTRAINTS — CC

With a machine-to-machine interaction, the chemical industry is empowering its potential in dealing with productivity.

8. AVAILABLE SOLUTIONS — AS

We used gas sensor MQ-5 and temperature sensor and raspberry pi. Things speak cloud services for mobile notification and also analysed the data by using MATLAB code to generate graph.

Explore AS, differentiate

Focus on J&P, tap into

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

To use advanced sensor devices to identify the presence of pollutants in the air and water and promotes better sustainability.

6. PROBLEM ROOT CAUSE — RC

Technical complexity
Connectivity and power dependence
Integration

9. BEHAVIOUR — BE

Smoke and gas sensors can also be connected to the system to safeguard the safety of workers and commodities in the event of a fire or poisonous gas leak.

Focus on J&P, tap int C

Identify strong TR & EM

3. TRIGGERS — TR

The Industry 4.0 concept was born to apply the ideas of cyber-physical systems (CPSs) and IoT to industrial automation and to create smart products, smart production, and smart servicest

4. EMOTIONS: BEFORE / AFTER — EM

- Before :It is difficult for monitoring and controlling.

- After:Real-time plant monitoring Reduced risks of disasters

7. YOUR SOLUTION — SL

IoT-enabled industrial monitoring systems have become increasingly popular in a variety of industries because they improve safety standards by providing real-time monitoring of critical parameters and workers regularly

10. CHANNELS of BEHAVIOUR — CH

8.1 ONLINE

IoT technologies are used in manufacturing processes and across supply chains in the Industrial Internet of Things

OFFLINE

Companies in the industrial and logistics sectors can better meet the new era of instant needs by utilizing the Industrial Internet of Things (IoT).
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Extract online & offline CH of BE

AMALTAMA