Project Title: Gas Leakage Monitoring and Alerting System for industries Project Design Phase-I - Solution Fit Template Team ID: PNT2022TMID10394

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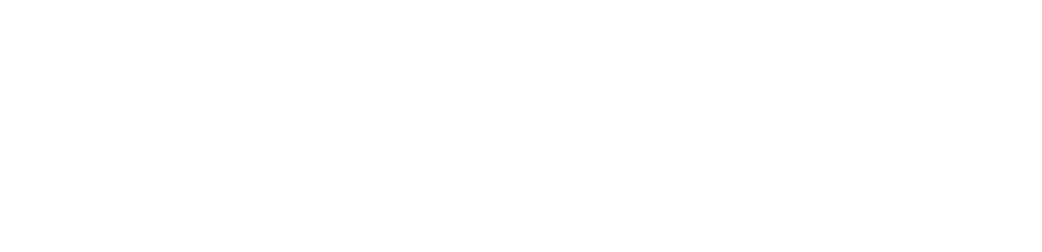
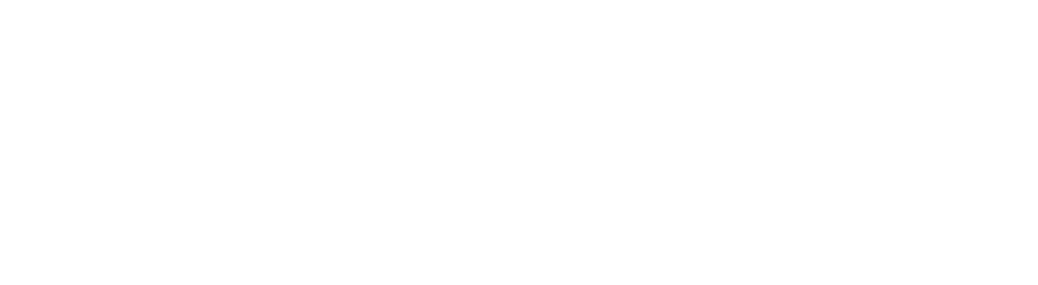
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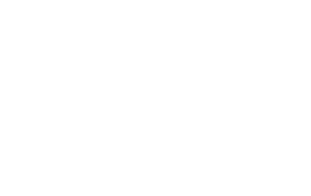
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AVAILABLE SOLUTIONS

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Upgrading to a premium

network plan.

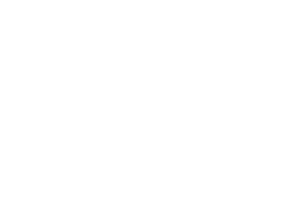
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Availing network connection

from a reliable Service provider.



CC



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. CUSTOMER CONSTRAINTS

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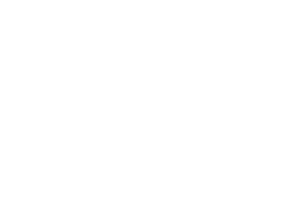
Network Connection

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Complexity in Installation



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. CUSTOMER SEGMENT(S

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Industrialists

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Engineers

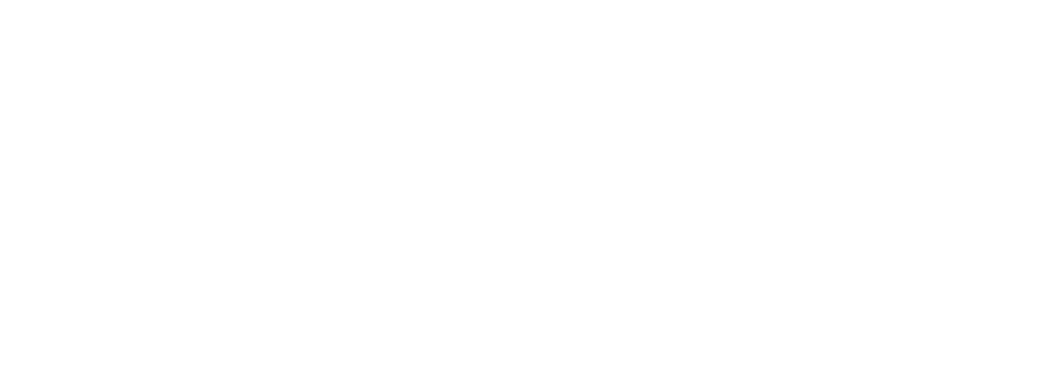
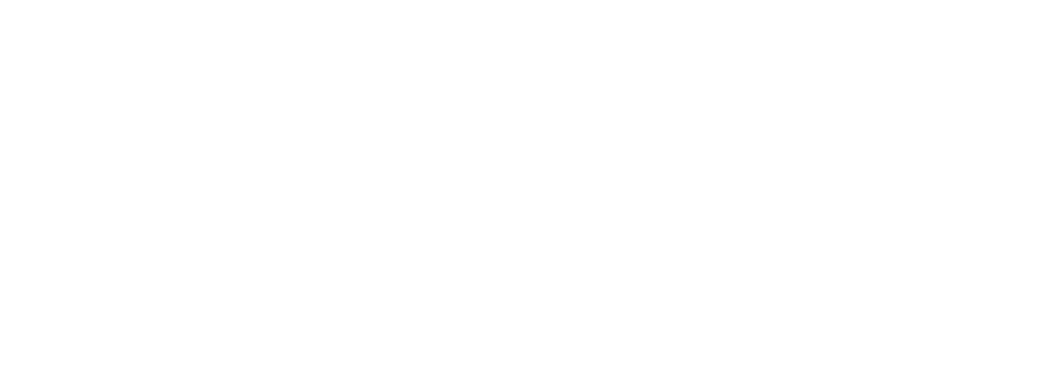
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Safety Control P

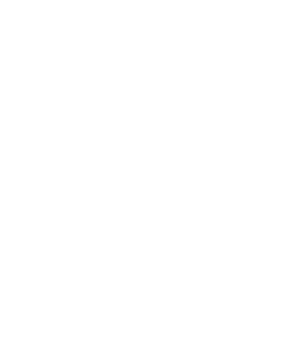
ersonals



Explore AS, differentiate



BE



. BEHAVIOUR

7

•

Harsh environment is

prevailing only on certain

industry; thus, the frequency of

the said problem is low.

In

such a case the customer

complaints multiple times to

get the attention.

•

Network issue is very common

as most of the industries are

located at the country side.

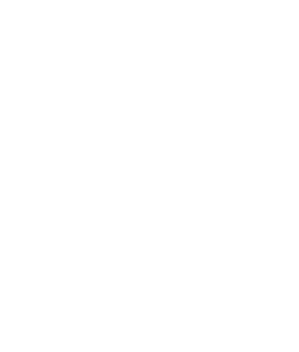
Here the contact both the

developers and the service

providers



RC



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PROBLEM ROOT CAUSE

•

Quality of the material using

which the device is made up of

plays a vital role in the

capability of the device to

work in harsh environment.

•

Location of the device

installation and the network

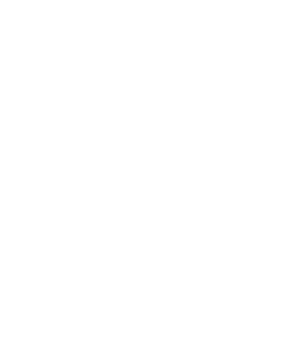
plan used by the user are the

cause of Netw

ork issue.



J&P



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. JOBS

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DONE /

PROBLEMS

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Capability of the device to

withstand in harsh

environment is questionable.

•

Due to network issue data

couldn’t be uploaded to the

cloud at all times.



Focus on J&P, tap into BE, understand RC

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | 10. YOUR SOLUTION S   * Network strength must be boosted in the device * Device can be manufactured in multiple standards based on the environment. |  | | |  |
| 3. TRIGGERS | TR |  | 8. CHANNELS OF BEHAVIOUR | CH |  |
|  | |  |  | | |
| * Usage of the device is portrayed in the news. * In real life situation, the device has helped in saving number of individuals. | |  | 8.1 ONLINE   * E-Mail to developers * Online Community   8.2 OFFLINE   * Complaint Letters | | |
|  | |  |
| 4. EMOTIONS: BEFORE/AFTER | EM |
|  | |  |
| * Before the action is taken, the user feels deceived and cheated. * After the problem is resolved, user feels the sincerity of the developers. | |  |