

Project Design Phase-I Solution Architecture

Date	19 September 2022
Team ID	PNT2022TMID21384
Project Name	Gas Leakage monitoring & Alerting system for Industries
Project TEAM members	19D114 – ARIKARASHRI. K 19D127 – NITHISH KUMAR. M 19D129 – RANJITH KUMAR. P 19D130 – RUTHRAM. M 19D135 – UDHAYAKUMAR. U

Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

- Detects the gas level in the atmosphere continuously,
- If normal in gas level, green indication, one any high gas level then follows,
- To construct a device that protects the people by avoiding explosions due to gas leakage.
- The device must be cost effective and user friendly.
- That alert the peoples when there is a gas leak (LPG/PNG)

Solution Architecture Diagram:

