

SINFONIA TECHNOLOGY CO., LTD.



<https://www.sinfo-t.jp>

- Address: Shiba NBF Tower, 1-1-30, Shiba-daimon Minato-ku, Tokyo, 106-8564, JAPAN
- Employees: 3,659 (Consolidated, as of Mar. 2021)
- Established in 1949
- Business: Manufacture and sale of industrial/electrical machinery and equipment, industrial vehicles, etc.

Project Name

Demonstration of IoT data transmission/reception system in the field of residential LP gas generators. (India)

Cooperation with Local Companies

Cooperate with Cooper, an engine/generator manufacturer, to build an IoT data transmission/reception system for status monitoring, etc. of residential LP gas generators.

Local Economic/Social Issues

Currently, diesel generators account for almost 100% of residential power generators. Air pollution caused by diesel exhaust gas has become a serious social problem, and the operating status of residential generators cannot be monitored remotely.

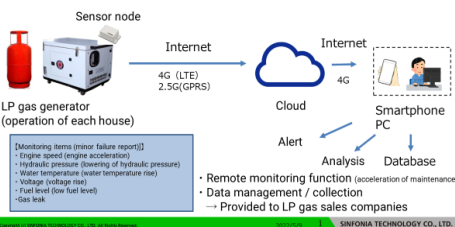
Details of Demonstration

We will develop an LP gas generator equipped with sensor nodes, and send and receive data to PCs, smartphones, and other terminals through the IoT gateway and cloud in a prototype unit. Collected data will be managed and provided to the LP gas sales company.

Expected Outcome in the Future

Counter measures against power outages, reduction of air pollution by using LP gas energy, prompt maintenance of generators, and provision of data to LP gas sales companies to improve the efficiency of energy business.

System conceptual diagram SINFONIA



Business Model SINFONIA

