The Way to Smart Building
iPECS UCP, UCS and IP Phone

iPECS
Your Communications Solution

About 600 Ext. | Apartment | iPECS UCP | Pertamina

About the client

Pertamina is an Indonesian state-owned oil and natural gas corporation based in Jakarta. It was created in August 1968 by the merger of Pertamin and Permina.

As a state-owned company to carry out integrated business core in oil, gas, renewable and new energy based on strong commercial principles both inside and outside the country

www.pertamina.com

Summary

Pertamina, which is a state-owned oil company, had a pilot project to build apartment buildings for their employees. The planned construction was for 10 locations with up to six towers at each location. As the construction of the first tower in Balikpapan was completed, they needed a communications solution which can provide a UC solution with ease of management.

Ericsson-LG Enterprise delivered a state of the art smart apartment solution with a UC platform and applications based on the iPECS UCP system.

Challenge

With this project, main issues were a high capacity demand and flexibility. Unlike most communications projects, this was for an apartment building for people to live in. To ensure success and employee satisfaction we received the requirements listed below.

- Minimum capacity at one of the locations is 3,500 ports
- Standard SNMP integration to IBMS
- Possible connection to all apartments at the same location as well as connections to all locations
- Several LCR solutions within all locations
- Fully distributed network architecture
- Redundant solution if the main system is impaired

Products

System
- iPECS UCP

Terminal
- iPECS LIP-9002
- iPECS LIP-9070/71

Application
- iPECS UCS Mobile Client
- iPECS Attendant Office
- iPECS Report Plus

SEI-SOLUTION

iPECS
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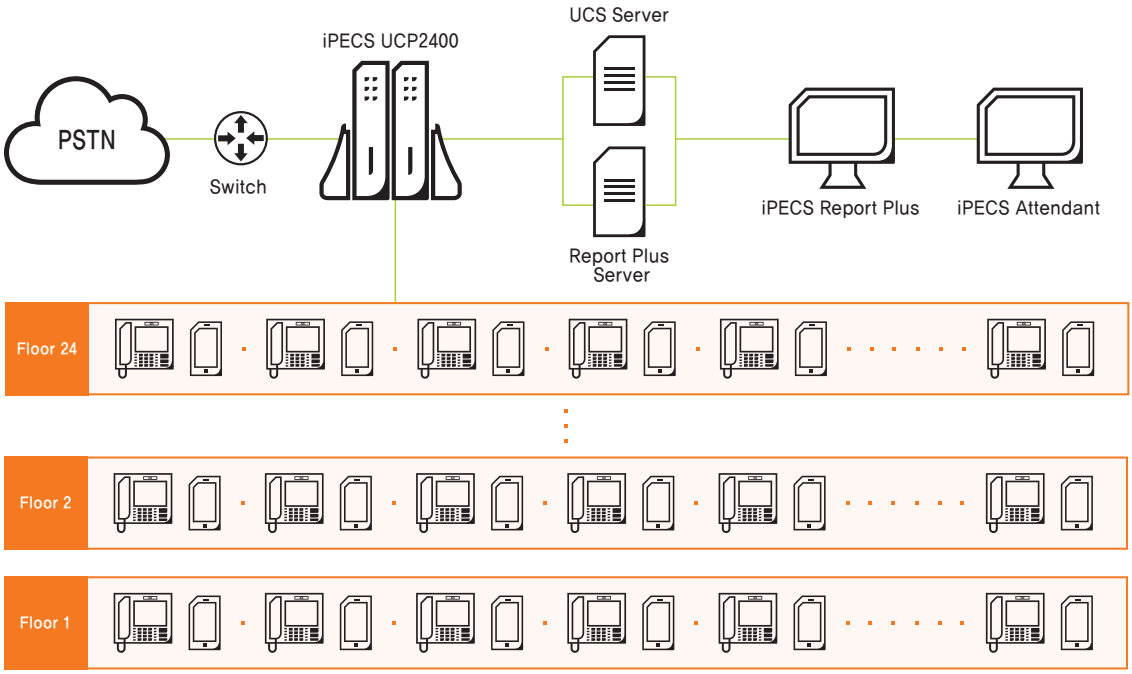
iPECS Smart Building Solution for Better Life



LIP-9070/71 & iPECS UCS Mobile for each room

Solution

For implementation of a smart building solution to the apartments, a iPECS UCP with UC and mobility was chosen. It was the best suited system as designed due to its fully distributed architecture along with rich application support. This project's essential point was providing a smart place for better living, not just a communications solution for a work environment. For employees, we set up iPECS UCS mobile clients and IP video phones for them to communicate easily with their families. We also set up iPECS attendant and Report Plus for easy management and operation while lowering OPEX.

- Multiple cascaded system with redundancy service
- Full network distribution for covering multiple locations
- Expanding capacity can be done at any time at a competitive price via license
- SNMP integration to IBMS
- User friendly applications; iPECS UCS, Attendant and Report Plus
- iPECS UCS mobile on Android and iOS for a mobility solution
- iPECS LIP-9070/71 video point to point to iPECS UCS mobile via 3G/4G with small bandwidth
- LCR capabilities to reduce operational cost

Benefits

- iPECS provides solutions to increase the comfort of employees by allowing them to make video calls to their families using a mobile video phone
- Steady growth to a larger capacity system using license
- LCR to help lower operational telephony costs
- Integration of Report Plus by sending CSV or XLS file hourly to IBMS allowing the customer to check the telephony cost from the IBMS user account

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