

# Flare Controls and GAZ analysis system



Solution Partner: AUTOMATE  
Customer: SUKOMI International Lebanon and MEA LB  
Industry: Oil and Gas

## Contact

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## Founding year:

2007

## Employees:

20

Solution  
Partner

Automation  
Drives

SIEMENS

## Requirements of the customer:

- A modular GAZ analysis and flare control system easy to maintain and to operate are a must, with communication feature all time availability with explosion proof capabilities are required reliable, rugged, and robust system to withstand all time weather outside installation in a landfill environment

## Short description of the solution:

In one of Lebanon's main landfill, AUTOMATE and with the collaboration of the local managing company SUKOMI successfully implemented a GAZ analysis system using SIEMENS BGA's on each landfill well, based on the GAZ analysis it is either sent to the GAZ generators or instead to GAZ flares, automatically closed loop control system.



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## Implementation by the Solution Partner:

- the customer first came to us for reconditioning the existing old system, when we suggested a complete TIA solution, including the BGA from SIEMENS rugged design, high availability and safety were the right solution for this application

## Benefits for the customer:

- BGA's, PLC and all peripherals from SIEMENS all connected through a PROFIBUS network ensure high integrity, fast diagnostics, fast response accurate system for optimised performance

