Fortum Distribution

Fortum Distribution is one of the largest power companies in the Nordic countries. More than 900,000 customers in Sweden get their electricity through the Fortum grid; both at home and at workplace. Fortum’s work to modernize and maintain the grid runs continuously. During 2014, company invested approximately 1.4 billion Swedish crowns (about 140 million euros) in its power network. Among other places, Fortum is a supplier to Stockholm as well as the provinces of Värmland, Hälsingland and Bohuslän.

With a heritage from 1932, the Finnish manufacturer now has production in nine European countries. Of its 161 hydroelectric plants, 128 are placed in Sweden. Fortum conducts district heating in six Swedish municipalities and is co-owner in six nuclear reactors in Oskarshamn and Forsmark.

The essential purpose of Fortum is to generate energy that will make everyday life easier today and for future generations to come. The main focus is the Nordic countries, the Baltic states, Russia and Poland, and a total of 8,800 people are employed. When Fortum Distribution was to secure their substations in the provinces of Värmland, Västmanland and Närke, Irisity was their choice.

Challenges

• Sub-stations are high-risk areas for personal injury
• Great values on-site
• High risk of sabotage
• Thousands of costumers may lose power during an interrupted workflow

Solution

• SITE GUARD – intelligent camera surveillance at critical prohibited areas, active 24 hours a day

Customer value

• Active surveillance 100% of online time
• Enables early actions
• Minimizes damage and stoppage

"Since we installed the intelligent surveillance system, we have experienced a great impact on intrusion, damage and theft. Our estimate is that the expenses have been cut with 80%.”

Kåre Falkevik
Station engineer
Fortum Distribution

IRISITY AB (publ)
Security beyond human intelligence
Lindholmspiren 7
417 56 Gothenburg
Sweden
0771-41 11 00
www.irisity.com
support@irisity.com
About Irisity

Irisity provides Intelligent Camera Technology Software that partner offers end users as a service.

The system has a scalable and cloud-based infrastructure, enabling international distribution of alarms, market-leading response times, centralized administration as well as collection and distribution of event reports and statistics.

The solution secures large outdoor areas using intelligent video surveillance. Customers get peace of mind round-the-clock, as well as a solution that goes from detection in real time to measure-taking and reporting.

Our business idea is to improve the security with cost-efficient intelligent video surveillance. We accomplish this by delivering an end-to-end solution that greatly reduces intrusions and vandalism.

Safety

Kåre Falkevik, station engineer at Fortum Distribution: “Our sites are high risk areas for everyone involved. We proactively tighten the safety, and uses for example protective ground wiring. This has, however, become an attractive prey for thieves. When the wiring is being stolen, the area becomes hazardous.”

In the last couple of years, numbers of copper thefts has escalated, making infrastructure, industries and churches vulnerable victims. When stealing safety equipment, the burglars do not only expose them self to danger. “When my co-workers arrive to work the morning after a break-in, the risk of physical harm is huge. And if the visitor has been cutting a hole in the fence, anyone could get in – even a child!”

Professionality

“From our point of view, the collaboration with Irisity has been flawless; they are easy to reach and easy-going. You can tell that they are specialists in this line of business. The system is reliable and we have access to all functions 24 hours a day, all year round” says Kåre Falkevik.

Economy

“Since we installed the intelligent surveillance system, we have experienced a great impact on intrusion, damage and theft. Our estimate is that the expenses have been cut with 80%,” adds Kåre Falkevik.

It is not only the sub-station that is concerned when it comes to the workflow: “A theft can result in thousands of households losing their power supply, factories can not produce and commuters can not go to work. A theft may cost us over half a million Swedish crowns (about 50 000 euros).”

“We received recommendations from our safety provider – Irisity is well known for having the best solution on the market.”

Kåre Falkevik, Fortum Distribution

Site Guard

- Prevents theft and vandalism through continuous analysis of the streaming video
- Sends a video alarm to an operator that rapidly takes action
- Guaranteed no unnecessary guard intervention
- Multiplies surveilled time for a fraction of the price compared to patrolling guards