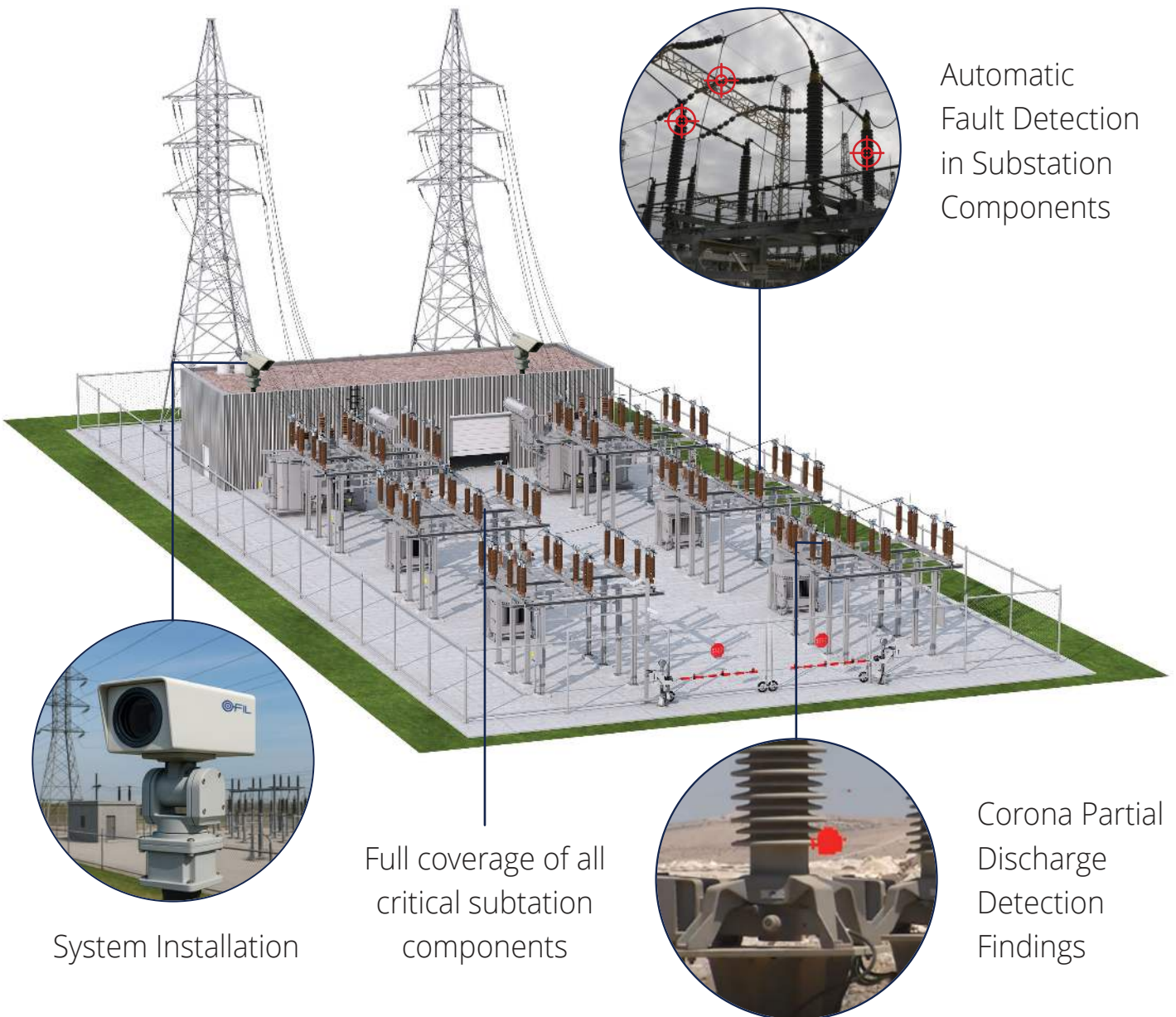




Continuous UV Monitoring Solution for Substation Reliability

Continuous monitoring of corona partial discharge and arcing is essential for assessing the performance of electrical assets in substations. OFIL Systems' UV cameras for Substation Monitoring offer cutting-edge technology for real-time detection of Corona Partial Discharge to optimize maintenance programs, reduce costs, and improve system reliability.



Automatic
Fault Detection
in Substation
Components

Corona Partial
Discharge
Detection
Findings

System Installation

Full coverage of all
critical substation
components

How It Works:



Scanning

The system performs automated scans of **transformer bushings, insulators, conductors, busbars and other substation components.**



Video Management and Analysis

Data is stored in a **Video Management System (VMS)** and **analyzed** for corona discharge activity.



Reporting

Automated reports provide actionable insights for maintenance teams.

OFIL's UV Camera for Substation Continuous Monitoring



High Sensitivity to UV emissions from corona partial discharge.



High-Definition Visible Video for clear visual confirmation of faults.



Compact & Robust Design with IP65 protection for outdoor environments.



Threshold-Based Alarms for automated event detection and reporting.



Seamless Integration in VMS via ONVIF, RTSP, and APIs.



PTZ Automated Scanning enables precise scanning and flexible positioning.



Empowering Utilities with Precision Monitoring

