

CORONAWISE

corona management software

SOFTWARE



CoronaWise - Explore the Corona Whys



CoronaWise is a software package that handles raw data gathered during inspections with corona cameras turning it into a structured, accessible and available information. Corona cameras capture video clips and still images of faulty high voltage installations with corona related issues. The overwhelming amount of data must be filtered, structured, qualified and stored in a manner that will enable fast retrieval and easy reports generation. The core entity of CoronaWise

is corona-base, a relational database that serves as the history of past performances and as a reference for future activities. The term "predictive maintenance" that is attributed to corona cameras relies on the ability to identify trends and foresee processes. CoronaWise accommodates corona related trending reports that link between findings and selected parameters.

- >> Manage inspection results
- >> Manage inspection teams, tasks & activities
- >> Manage inspected components
- >> Manage faults
- >> Share information across the organization
- >> Reveal trends
- >> Ensure data integrity and consistency
- >> Single User & Enterprise

DOCUMENTING INSPECTIONS RESULTS

The data collected during inspections needs to be stored as records with qualifiers such as: corona count, ambient conditions, GPS data, camera settings, comments etc. These qualifiers contribute to the clarity of findings and facilitate post processing and analysis.

REPORTS GENERATION

CoronaWise includes pre-defined generic reports. Users can customize reports and create queries that will draw data elements from the existing entities to be merged in newly designed templates. Reports can include any combination of fields that exist in records

SHARING INFORMATION

CoronaWise can be used as a standalone software where only one user has access to the database. Alternatively, CoronaWise can be shared by teams using a client-server configuration with an administrator and users.

DECISION AIDING TOOL

CoronaWise supports Ofil's Decision Aiding Chart methodology. Corona phenomenon is affected by a list of arguments and at the same time it affects substances and chemical decaying processes. All these arguments are either manually added or automatically imported to the CoronaWise software and are used as criteria to build severity indices of faults

DATA INTEGRITY

Management reports rely heavily on the quality and accuracy of the data being fed into them because they involve decision making and cost. To ensure data integrity companies create policies defining the type and extent of the expected information. To enforce these policies it is necessary to use forms with mandatory fields consisting of allowed terminology. Due to the inherited hierarchy, the information trees and the dictionaries that constitute the CoronaWise software it is possible to maintain the integrity of inspections' documentation.