Case Study 3: Car thefts and blasts

Brief Case Description:

Serial blasts in cars, using timed bombs, in a parking space in location A of city A causing harm to public and private property and life.

Investigation Process:

The exploded cars were found to be reported missing from location B, a place in the outskirt of city B. Telecom data of location B was gathered from all the telecom service providers (TSPs) operating in these locations for the period during which the cars were reported to go missing. Similarly, the telecom data of Location A and nearby sites, for the time period before and after blasts, from all the TSPs operating in these locations were collected. Xalted's Knowledge Curation helped in acquiring and normalizing huge bulk of data in a record time period.

Challenge at next step was to refine the suspects from the location data which normally consists of communication records of upto thousands of telecom service users. Xalted's Tactical Analysis was employed to filter out the suspects by finding out common telecom users which has been present in Location A and Location B for the respective periods and also finding the other party telecom service user which has been communicating with telecom service users located in Location A and Location B for these periods. The telecom service users thus filtered were further scrutinized using components of Xalted's Strategic Modeling.

Xalted's Strategic Modeling aided the investigators in exploring presence of filtered suspects in existing list of criminals, unearthing linkages of these suspects with existing criminal gang members and identifying the coordinators facilitating the crime. Finally Xalted's Tactical Analysis components helps in retrieving the general halt locations of perpetrators with corresponding time interval of the day. Raiding these halt location led to arrest of some of the perpetrators and their associates. Police interrogation of the arrested people lead to nabbing of the masterminds behind the crime.