Survey of
Advanced Fault Location, Prediction and Detection for Distribution Systems

Conducted by
IEEE PES Distribution Automation Working Group
on Behalf of
Dr. Mani Venkata and Southern California Edison
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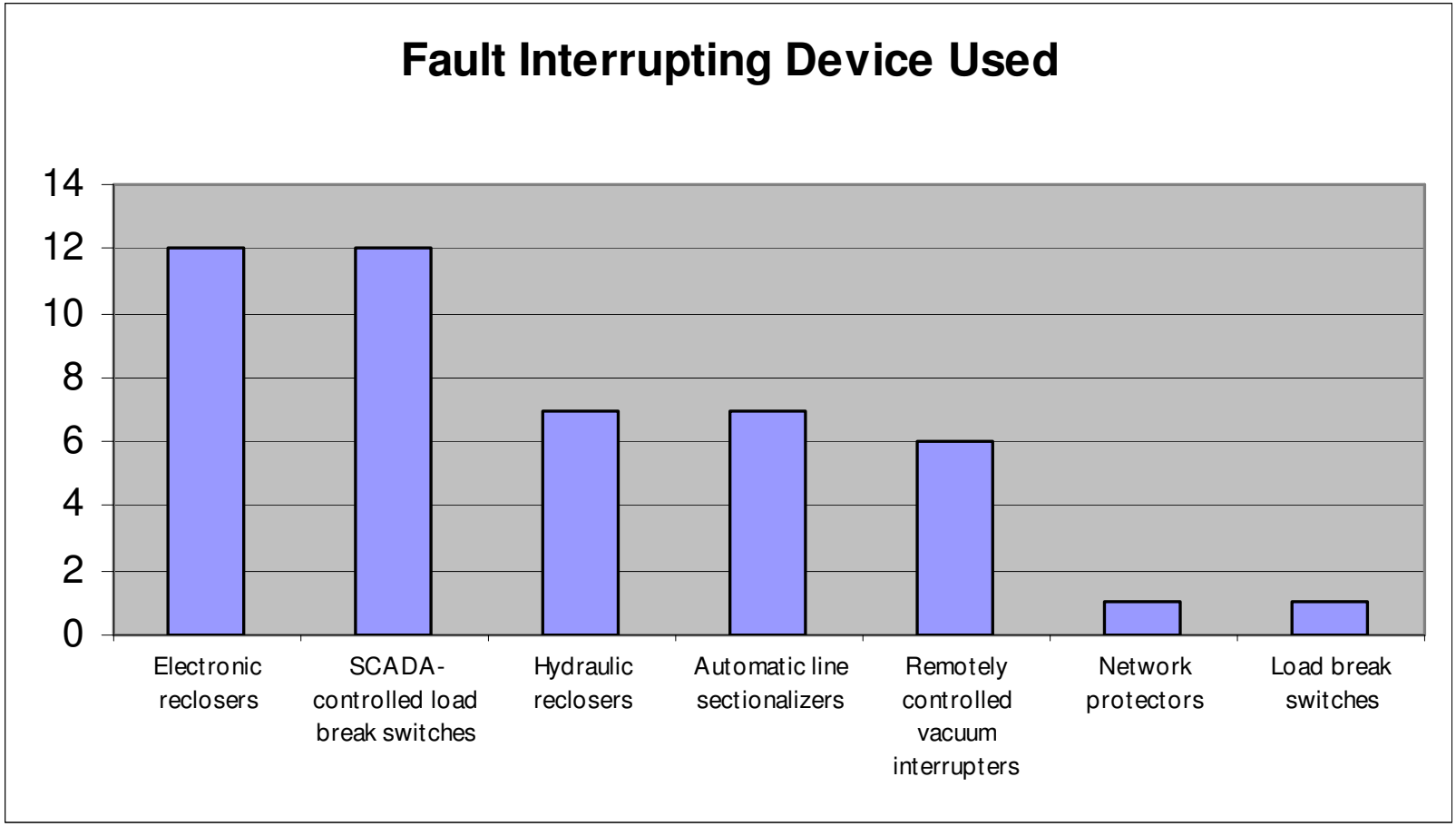
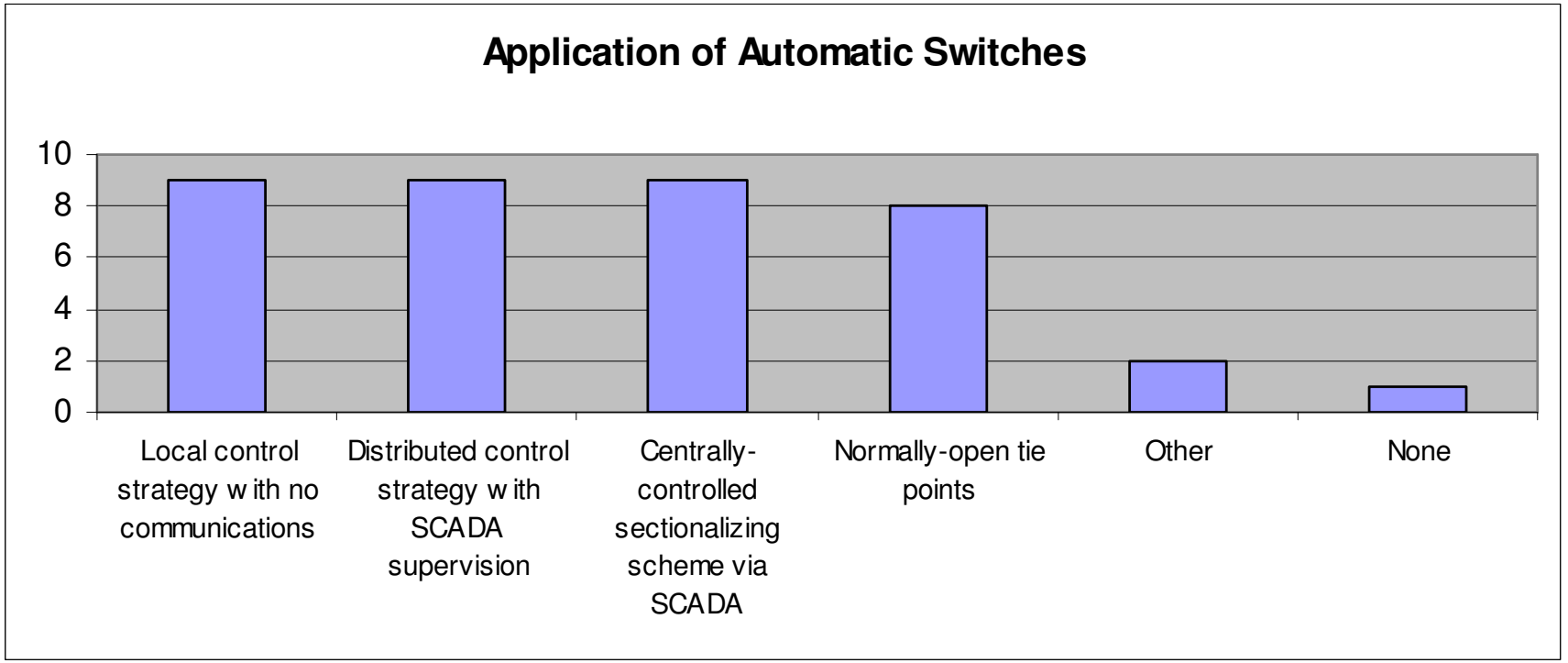
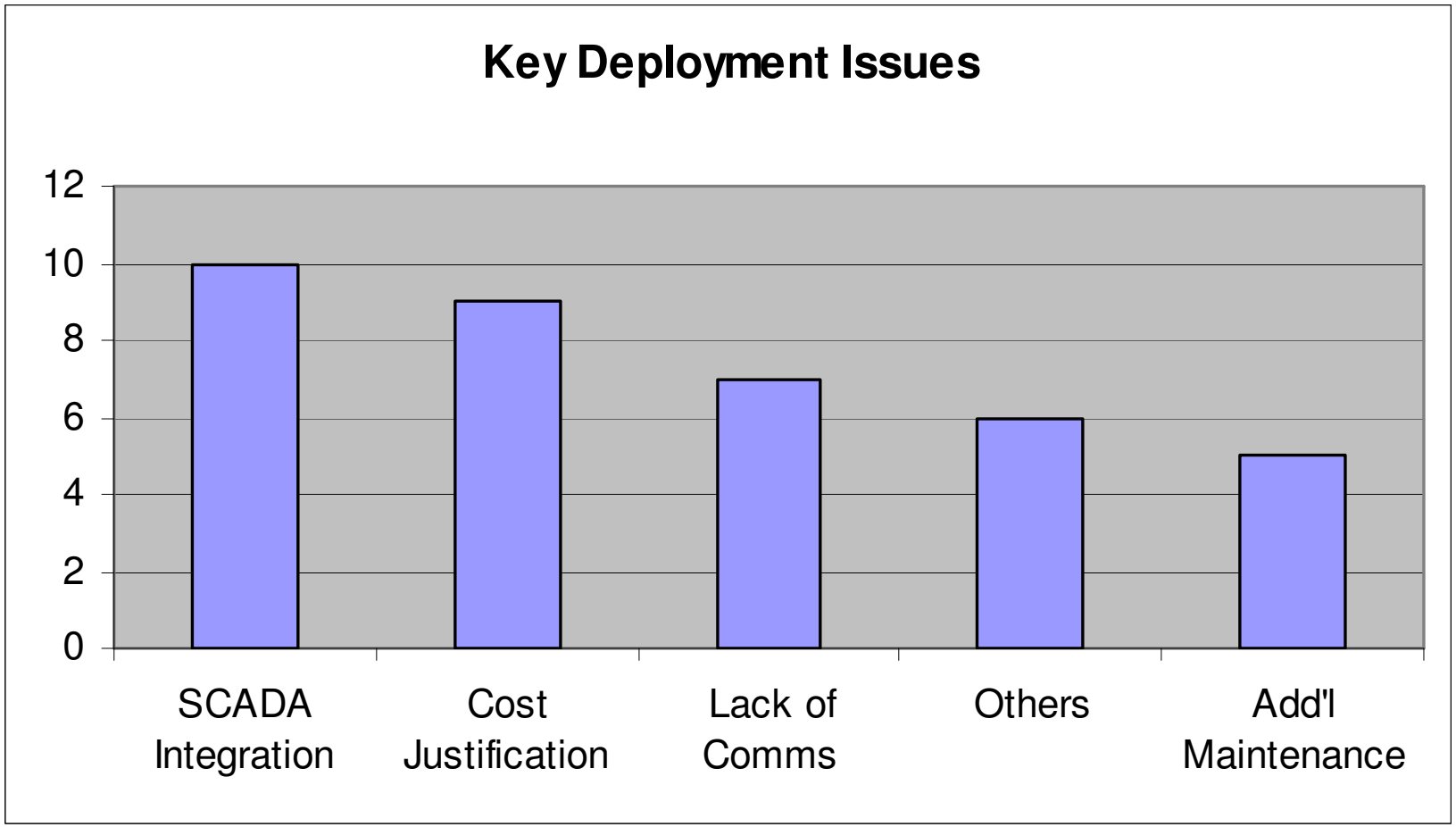
1. Types of distribution line devices used to interrupt and sectionalize faults



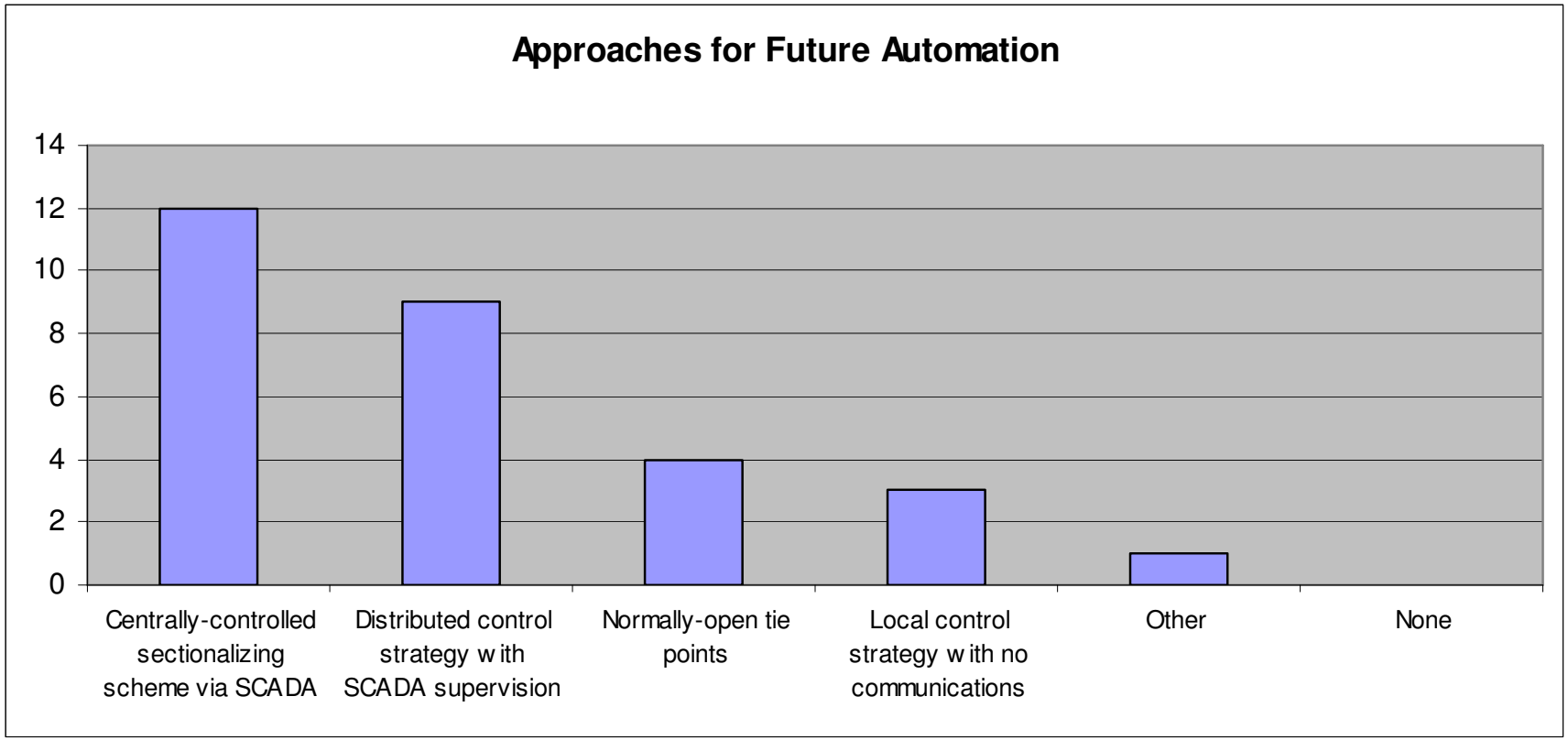
2. What are approaches for which automatic switches are currently applied?



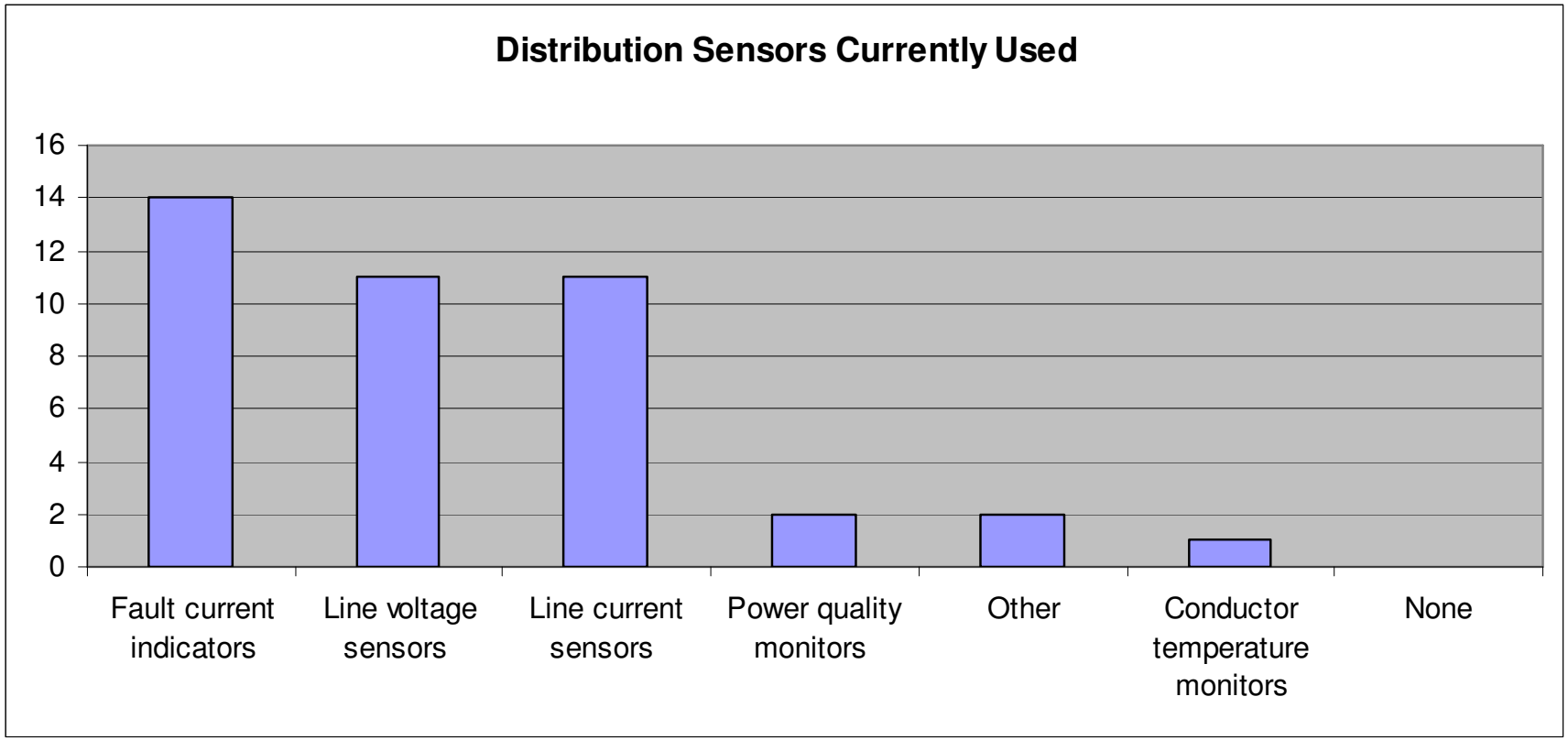
3. Key issue with deployment of automated switches?



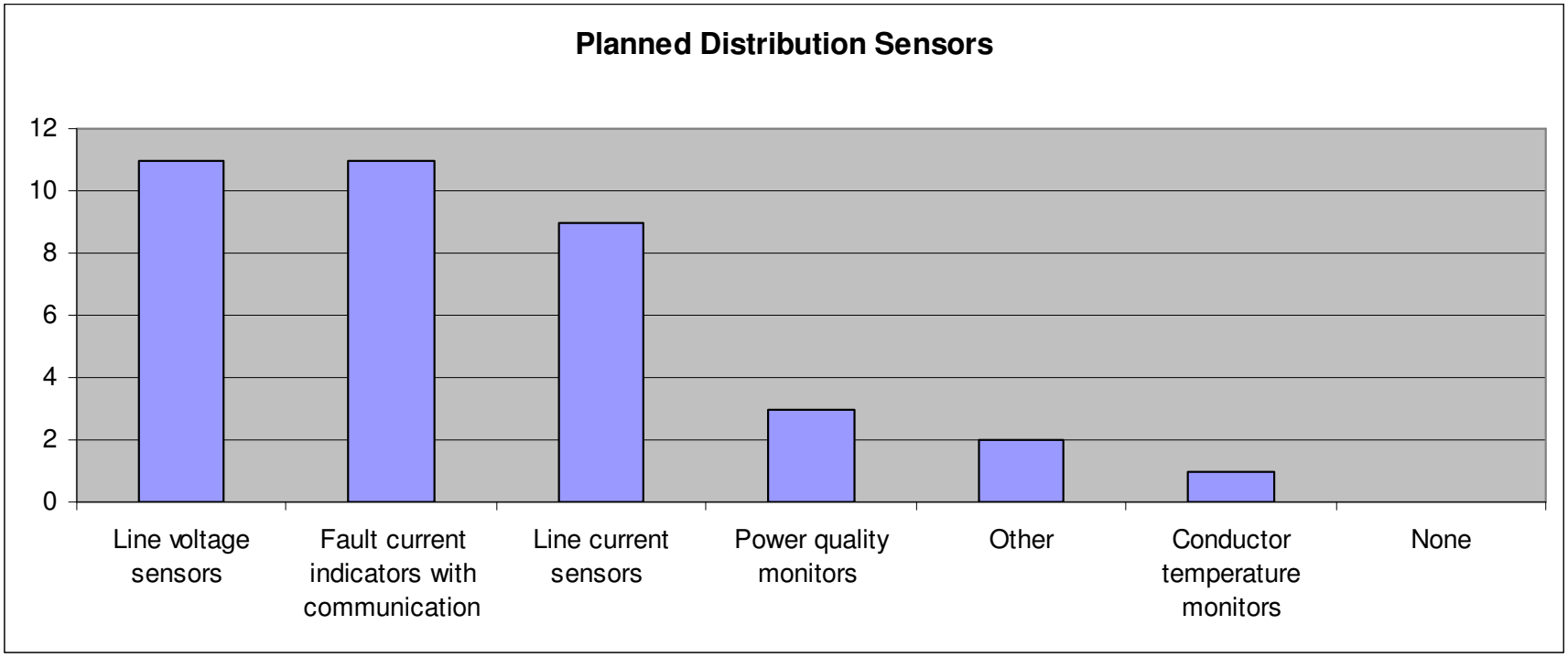
4. What approaches are being considered for future automation schemes?



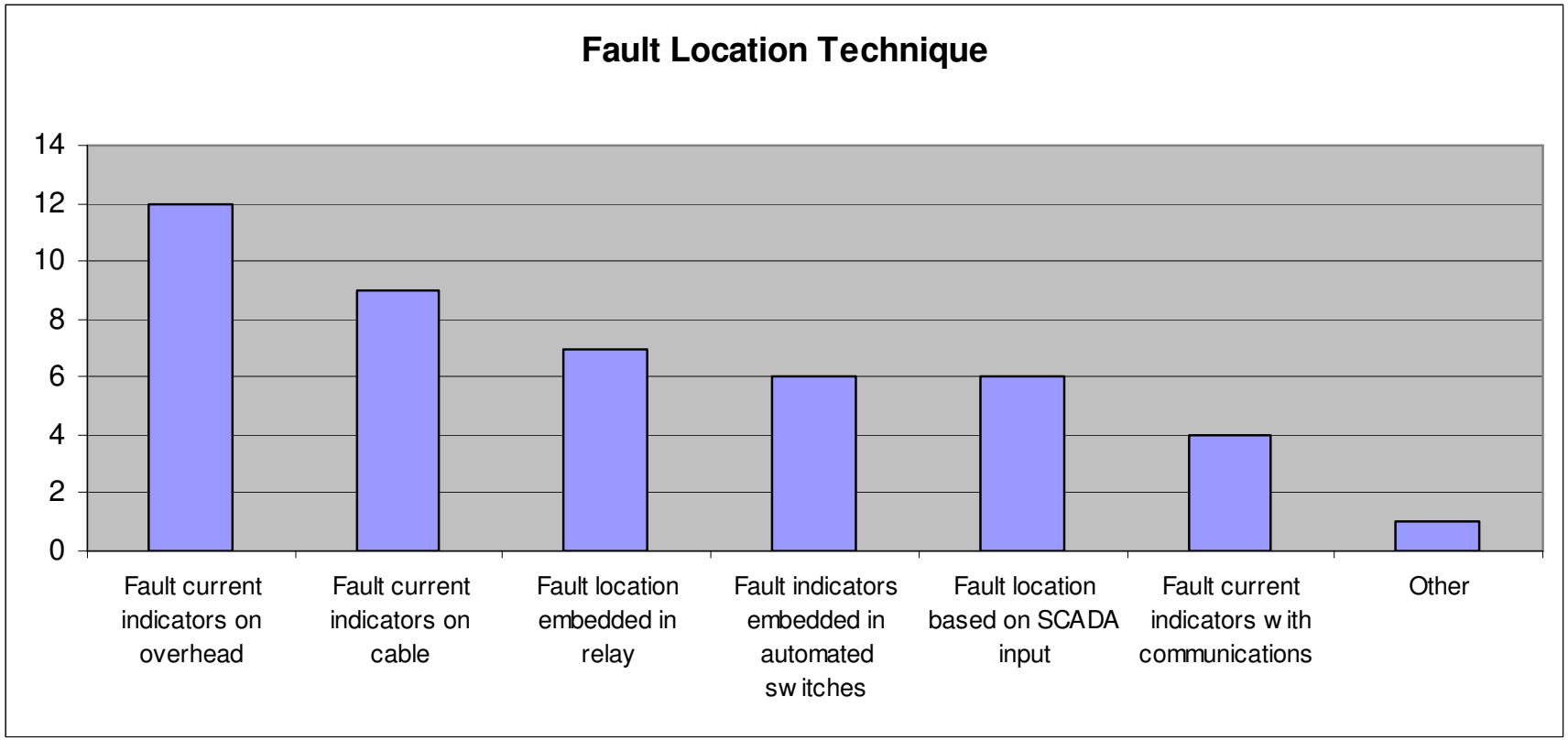
5. What types of sensors do you use on your distribution feeders?



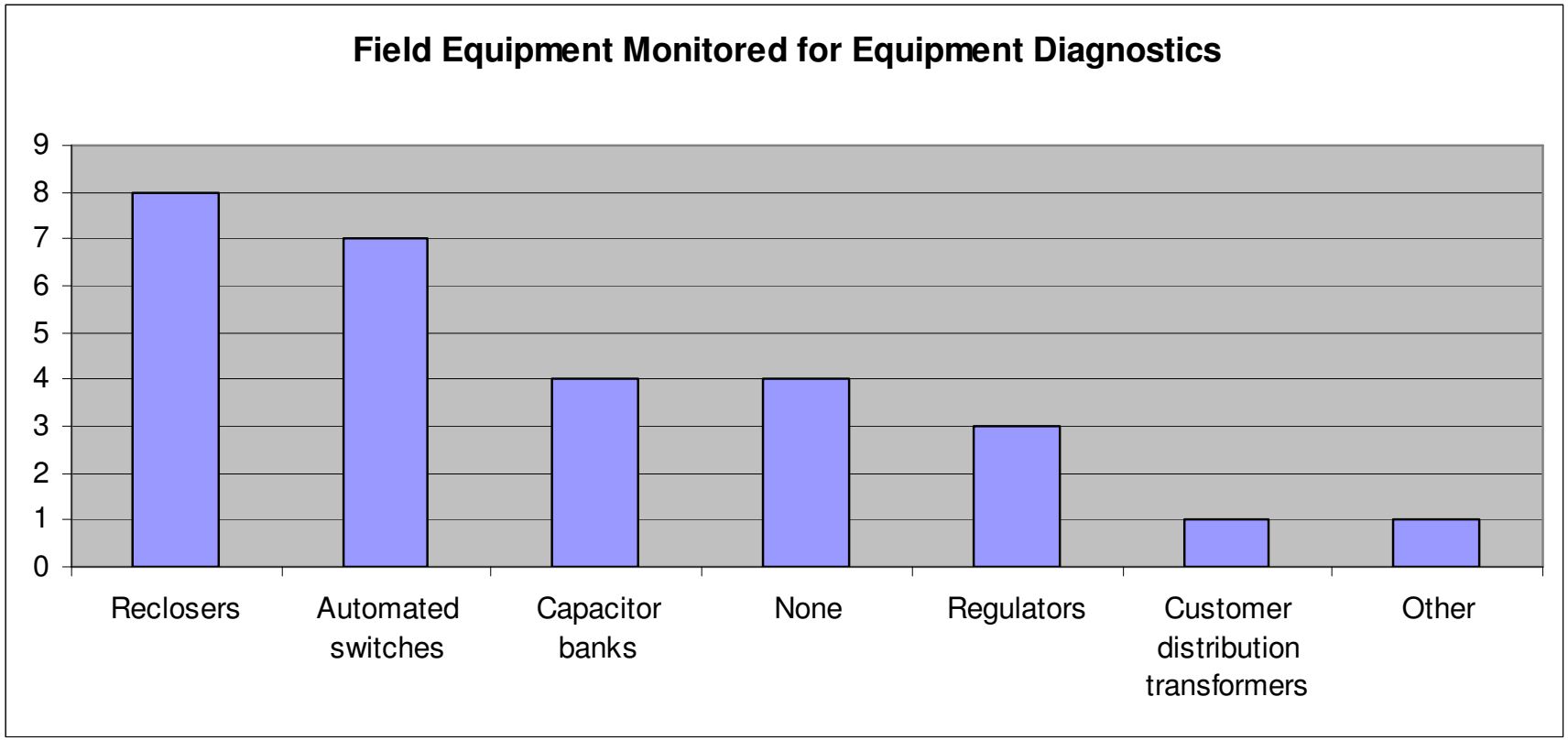
6. What types of sensors are you planning/considering for use on your distribution feeders?



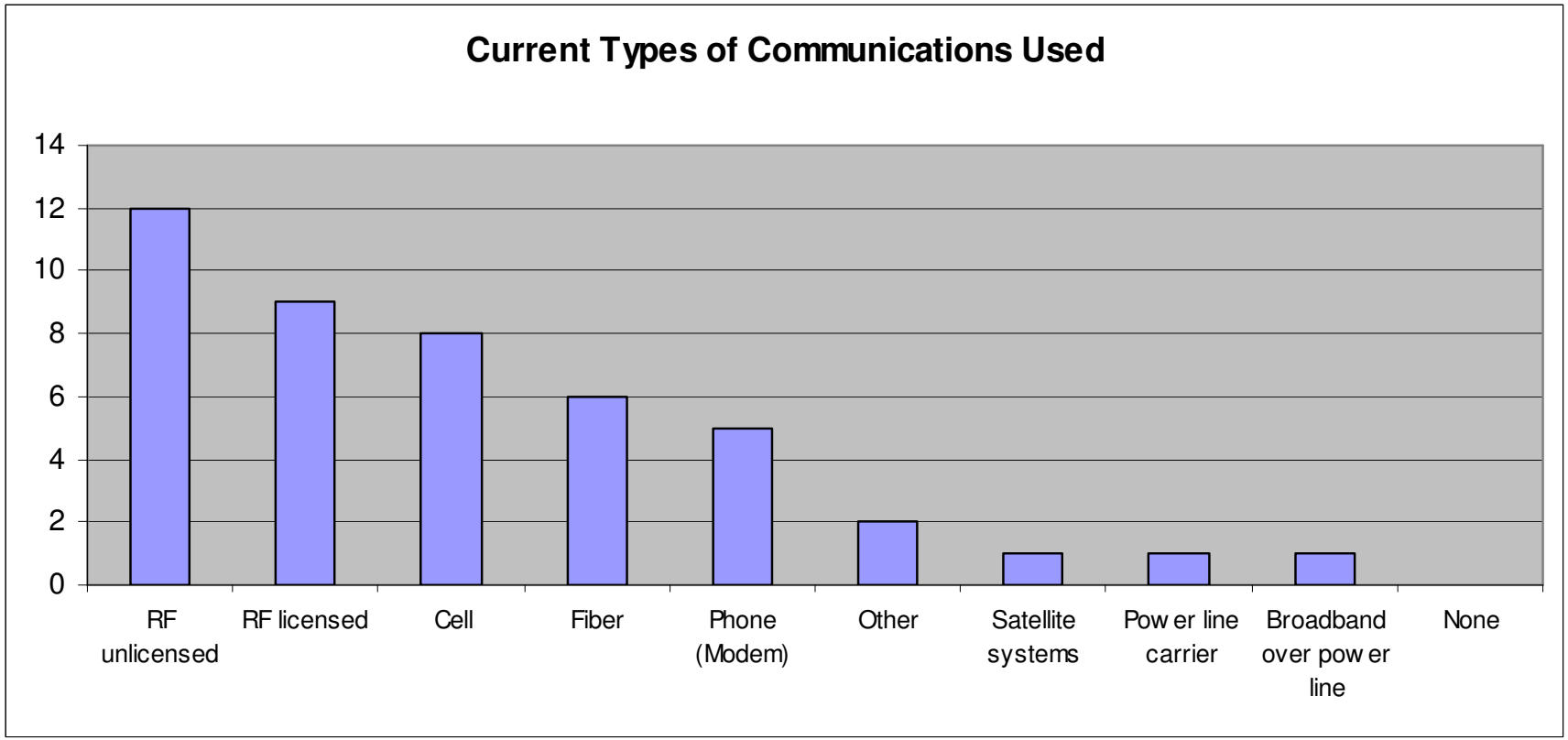
7. What type of fault location techniques do you currently use on your distribution circuits?



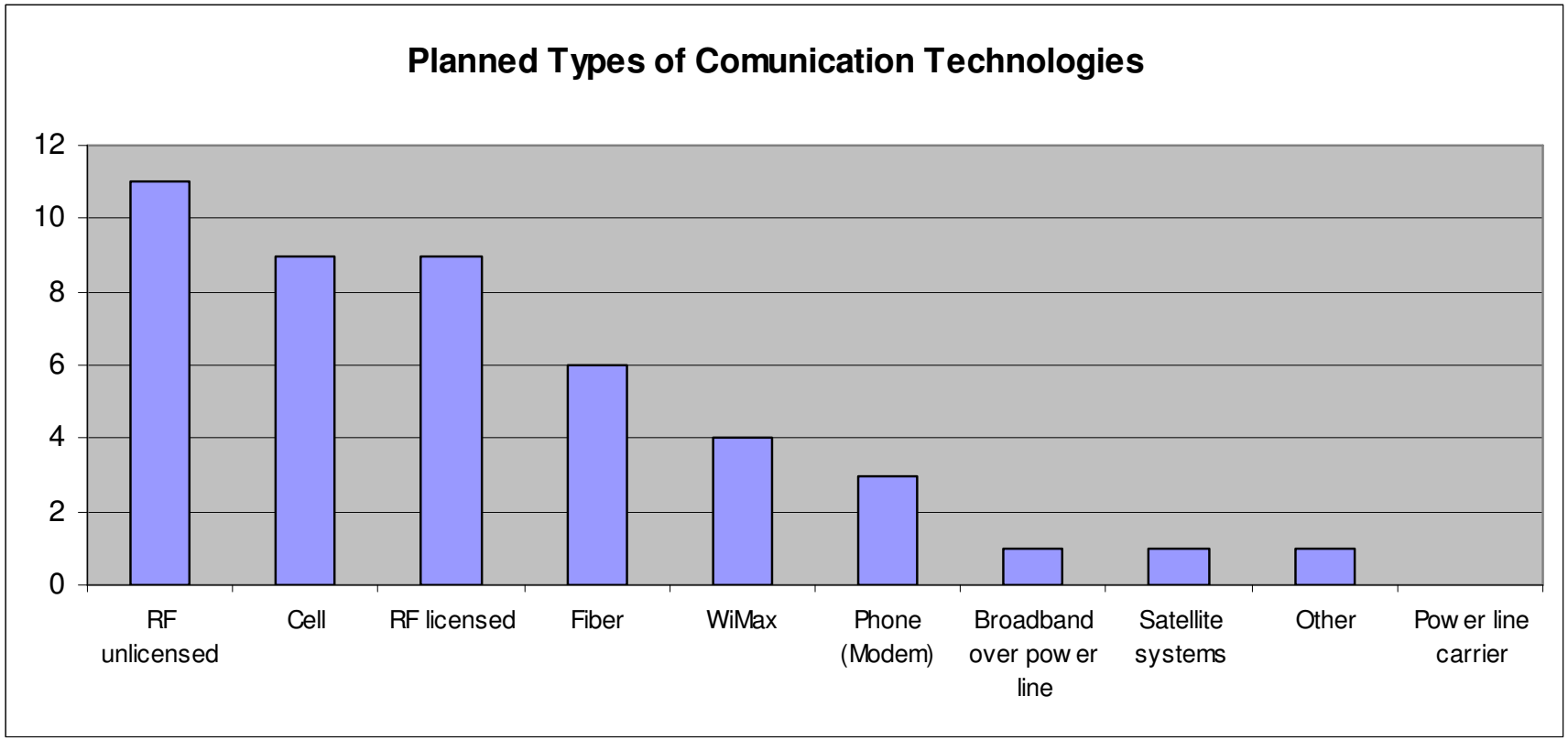
8. What distribution field equipment do you monitor for equipment diagnostics?



9. What type of communications technologies do you currently use to exchange information with distribution circuit elements?



10. What type of communications technologies are you planning to use to exchange information with distribution circuit elements in the near future?



11. What types of devices in use are time synchronized (by GPS clocks or other means?