This paper describes the development of an economical, convenient, and reliable GSM based automated fire alarm system for remotely alerting fire and smoke incidents to the property owner outside the building or industrial premises quickly by sending short message via GSM network. Along with study of existing fire detecting systems. The proposed system uses N-F-N Gateway which is an intelligent gateway interface for fire monitoring workstation. It also supports full panel programming using embedded c and network diagnostics.

References
3. Muller C. and Fisc1ier A.," A Robust Fire Detection Algorithm for Temperature and Optical
8. www.wavecom.com

Index Terms
Computer Science                   Control Systems

Keywords
Fire detector, Smoke detector, GSM, Mobile, NFN gateway