

ROGER L. BOYELL, ELECTRONICS ANALYST

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**ENGINEERING EXPERTISE IN ELECTRICITY AND ELECTRONICS.
SERVING THE LEGAL FORUM WITH CONSULTING AND TESTIMONY.**

MISSION STATEMENT

When electrical devices and electronic systems are the subject of civil litigation, criminal charges, or insurance claims, I support lawyers, judges, litigants, and adjusters with extensive technical knowledge and with scientific discipline to explore, examine, and explain the issues involved.

SYNOPSIS OF QUALIFICATIONS

I have an extensive background in the physical sciences and mathematics: engineering and science degrees plus thirty years in the high-technology defense/aerospace industry. My forensic experience includes cases dealing with electric circuits, electric shock, lightning damage, electrically ignited fires, wire and radio communications, radio interference, cellular and wireless telephone technology, audio and video reproduction, surveillance and tracking systems, industrial machinery controls, traffic radar and lidar, automotive electronics, and other electrical and electronic equipment.

My expertise in electrical devices and electronic systems includes:

- thorough training in electrical engineering and the physical sciences,
- wide-ranging practice in the lab, in the field, and in the courtroom,
- ability to constructively investigate and illuminate the capabilities and limitations of equipment operating, or failing, in the physical world.

I can help resolve your engineering issues by acting as an in-house consultant, and I can testify objectively as an expert witness when appropriate.

My *curriculum vitae* is contained in the Web site <http://www.boyell.com> along with amplifying information about my credentials, publications, and past cases.