

## PROFILE

Mr. Christopher Powell is an electronics engineer and Project Consultant who provides investigations of equipment losses origin and cause, determines equipment valuation and damage assessment for the insurance and legal industries. With nearly 20 years' experience, he has extensive knowledge in electronics engineering as well as hands-on experience in the construction industry. His background has included writing technical methods and procedures, developing training courses for Lucent, AT&T, and SBC, as well as testing proprietary software. Mr. Powell performs failure analyses of equipment losses, assesses equipment valuation, and provides information for replacement costs for all equipment inspected. He has extensive knowledge of the cellular industry, having engineered and provided building/electrical drawings, supervised microwave installations, compiled and maintained cell site test and system configuration data, as well as evaluated and proposed alternative equipment configurations. Additionally, Mr. Powell has several years' experience owning and operating a construction firm, spanning all aspects of the industry, from new home builds to electrical wiring, plumbing, and roofing. Key strengths include the following:

- ▶ Manufacturing Equipment
  - ▶ Power Transmission / Distribution Equipment
  - ▶ HVAC / Building Automation
  - ▶ Radio / TV / Broadcast
  - ▶ Well Pump Systems
  - ▶ Automation Controls
  - ▶ Electrical Accidents
  - ▶ Lightning Damage
  - ▶ Elevator Equipment
  - ▶ Telephone / Telecommunications Equipment
  - ▶ Automotive Mechanics
  - ▶ Agriculture Equipment
  - ▶ Medical Equipment
  - ▶ Electronic Overstress
  - ▶ Heavy Equipment Repair
- ▶ *Industries:* elevator systems, farming, automotive, telecommunication, water and wastewater, and heating and cooling systems.
- ▶ *Computer Skills:* Windows and MS Office (Word, Excel, PowerPoint).

## EDUCATION

**Bachelor of Science, Electronics Engineering Technology, 1995**  
*DeVry Institute of Technology – Columbus, Ohio*

### OFFICE

845 Claycraft Road  
Suite H  
Columbus, OH 43230

### CONTACT

Office: +1 888 782 3473  
Cell: +1 740 272 6157  
Fax: +1 866 914 7561

[christopher.powell@envistaforensics.com](mailto:christopher.powell@envistaforensics.com)

### CORPORATE OFFICE

5565 Glenridge Connector  
Suite 900  
Atlanta, GA 30342

### WEBSITE

[www.envistaforensics.com](http://www.envistaforensics.com)

## CONTINUING EDUCATION

- ▶ National Association Elevator Contractor (NAEC) Conference
- ▶ Western Property Loss Research Bureau (PLRB), 2010
- ▶ National Property Loss Research Bureau (PLRB), 2011
- ▶ California Combined Claims (CCC) Conference, 2009, 2010
- ▶ National Truck and Heavy Equipment Claims Council, 2010
- ▶ Dakota Claims Association Presentation, 2011
- ▶ Kansas City Claims Association Presentation, 2010
- ▶ Association of Marine Underwriters of San Francisco (AMUSF) Conference, 2010
- ▶ California Association of Independent Insurance (CAIIA) Conference, 2010
- ▶ Dayton Claims Association Presentation, 2011
- ▶ American Institute of Marine Underwriters (AIMU) Conference, 2010
- ▶ Marine and Insurance Claims Association (MICA) Conference, 2010
- ▶ Adjusting Lightning Damage Losses
- ▶ Fundamentals of Residential Building Construction
- ▶ Un-complicating the Heat Pump: Electrical Systems Troubleshooting
- ▶ Elevator Equipment Losses: Unique Considerations for Specialized Equipment
- ▶ Elevator & Escalator Claims: Investigating the Damage
- ▶ The End of the World as We Know It: How Solar Storms Can Impact the Insurance Industry
- ▶ Restoration & Medical Equipment
- ▶ High Net Worth Presentations for Cincinnati Insurance
- ▶ Marketing Training for PT&C|LWG Employees

## PROFESSIONAL BACKGROUND

**May 2007 – Present: Envista Forensics – Columbus, Ohio**

*Project Consultant*

**March 2003 – May 2007: Cool Streams, LLC – Columbus, Ohio**

*Owner / Operator*

**December 2000 – March 2003: Lucent Technologies – Columbus, Ohio**

*Wireless Engineer*

**September 1998 – November 2000: CRP Consulting – Canton, North Carolina**

*Owner / Operator*

**March 1995 – August 1998: Verizon Wireless – Columbus, Ohio**

*Installation Designer / Project Engineer*

## **PUBLICATIONS / PRESENTATIONS / TESTIMONY**

- ▶ Well Pump Equipment Breakdowns
- ▶ Lightning Damage to Electronics
- ▶ Commercial and Residential Pump Systems and Controllers
- ▶ Elevator Operations and Components
- ▶ HVAC Systems and How They Operate
- ▶ Dairy Farm and Farming Equipment

## **REPRESENTATIVE PROJECT EXPERIENCE**

**Large Casino losses including Casino Equipment**

**Wet Electrostatic Precipitator (WESP) air cleaning system**

**HVAC Equipment**

**Elevator Equipment losses**

**Cellular Towers and Equipment**

**Heavy Equipment / Agricultural Irrigation Systems**

**Commercial Water Pump Systems for golf courses**

**Fire damage to Cotton Gin**

**Lightning strike to John Deere Tractor**

**Fire to Induction Heater Furnace for heat treating steel**

**Fire to 8000 ton National Machinery Press**

**1901 E. Howard Clock for clock tower**