

PROFILE

Larry E. Daniel has over 30 years of experience in software development, data recovery, computer and server diagnosis and repair, and network administration. Larry began performing digital forensics in 2001 and has thousands of hours of experience in this area.

Larry received his initial training in call detail record and cellular analysis in October of 2010. Since that time Larry has received 140 additional hours of training in cellular networks and wireless technology from the Teracom Training Institute. Larry has received three certifications as a result of that training: Certified Telecommunications Network Specialist (CTNS), Certified Telecommunications Analyst (CTA) and Certified Wireless Analysis (CWA).

Larry also holds numerous other certifications in computer, cell phone and GPS forensics including the Encase Certified Examiner (EnCE), Digital Forensics Certified Practitioner (DFCP), Blackthorn Certified Examiner (BCE), Cellebrite Certified Operator (CCO) and Cellebrite Certified Physical Analyst (CCPA).

Larry has provided computer and cellular phone and cellular tower technology in hundreds of criminal and civil cases. Additionally, Larry has qualified and testified as a computer forensic expert, a cellular phone forensics expert, a GPS forensics expert and a cellular technology expert over 65 times in state and federal courts.

Larry has provided continuing legal education training over 150 times since 2006 for attorneys, prosecutors, judges, and law enforcement, as well as presenting at such conferences as SANS What Works in Forensics, the Department of Defense Cyber Crime Conference and the Computer Enterprise and Investigations Conference.

Larry is co-author of the book, "Digital Forensics for Legal Professionals," 2011, Syngress. Larry is the sole author of the book, "Cell Phone Location Evidence for Legal Professionals," 2017, Academic Press.

Larry has written commercial software applications multiple computer languages including Visual Basic, Dbase III, Clipper, PC Focus, and Visual Basic for Applications, Microsoft Access, and ASP.Net. Larry served as the primary software developer as a consultant to the NC Institute for Transportation Research and Education for 5 years.

Larry has garnered extensive experience since 1981 in operating systems from Microsoft, Apple and Linux Distributions. Larry has provided support for LANS, WANS, WLANS, VPN, Firewalls, Routers, various vertical software applications, network scanning, document management systems, network faxing systems, web hosting, and network security among others.

BOOKS PUBLISHED

Digital Forensics for Legal Professionals: Understanding Digital Evidence from the Warrant to the Courtroom, 2011, Syngress Publishing ISBN-10: 159749643X

Cell Phone Location Evidence for Legal Professionals: Understanding Cell Phone Location Evidence from the Warrant to the Courtroom, 2017, Academic Press ISBN: 978-0-12-809397-9

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WEBSITE

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ARTICLES PUBLISHED

NC Jury View Magazine

June 25, 2008 Digital Forensics – The New Frontier
September 12, 2008 What Is Digital Forensics?
December 15, 2008 Cellular Phone Forensics

Digital Forensic Investigator News

October 19, 2009 Plain View Doctrine in Digital Evidence Cases — A Common Sense Approach
May 21, 2010 Multiplayer Game Forensics

LICENSES (Private Investigator)

- ▶ Georgia
- ▶ South Carolina
- ▶ Texas

SECURITY CLEARANCE:

Top Secret/SCI (Inactive)

CERTIFICATIONS

Digital Forensics Certified Practitioner (DFCP) – Digital Forensics Certification Board University of Central Florida, Center for Forensic Science

Encase Certified Examiner (EnCE) from Guidance Software.

Blackthorn Certified Examiner, (BCE) from BerlaCorp. (GPS Forensics)

Certified Telecommunications Network Specialist (CTNS)

Certified Telecommunications Analyst (CTA)

Certified Wireless Analysis (CWA)

Cellebrite Certified Operator (CCO)

Cellebrite Certified Physical Analyst (CCPA)

TRAINING ATTENDED

May, 2006 Computer and Enterprise Investigation Conference
Las Vegas, NV 13.5 Credits

January, 2007 Encase Computer Forensics II
Reston, Virginia 32 Hours

June, 2008 Basic Mobile Phone Forensics
Simpsonville, SC 16 Hours

August, 2008	CCE Boot Camp Burlington, VT	40 Hours
July, 2009	SANS What Works Summit in Forensics and Incident Response Washington, DC	12 Hours
November, 2009	Network Packet Forensic Analysis Park City, Utah	16 Hours
January, 2010	2010 DOD Cyber Crime Conference St. Louis MO	12 Hours
May, 2010	Computer Enterprise and Investigations Conference Las Vegas, NV	13 Hours
October, 2010	Forensic Telecommunications and Cellular Evidence Analysis Raleigh, NC	16 Hours
April 5, 2011	GPS Forensics Certification Training Mike Mays, BerlaCorp Reston, VA	32 Hours
January, 2012 – February, 2013	Telecommunications Network Training Teracom Training Institute On-Line	60 Hours
May, 2013	Computer Enterprise Investigations Conference (CEIC) Orlando, FL	16 Hours
May, 2013 – September, 2016	Telecommunications Network Training Teracom Training Institute On-Line	64 Hours
May, 2016	Enfuse Conference	13 Hours
	Behind the Keyboard	
	Digital Evidence Preservation	
	Solve the Case Part 1	
	Solve the Case Part 2	
	APT Attacks Exposed	
	Forensic Analysis of a Compromised Workstation	
	MAC OSX 0 Delving a Little Deeper	
	Internet of Things Forensics	
	Implementing Digital Forensics Readiness	
	Verizon DBIR Report	
June, 2017	Techno Forensics Conference	8 Hours

April 2018	Cellebrite Certified Operator	14 Hours
May 2018	Cellebrite Certified Physical Analyst	21 Hours
May 2019 hours	Radio Survey Techniques, Cell Site Analysis and Radio Frequency Theory – 16	

SPEAKING ENGAGEMENTS

2006

May	NC/SC Public Defenders Conference Computer Forensics for Attorneys, Sunset Beach, NC
June	NC/SC Public Defenders Investigators Conference Computer Forensics Introduction, Sunset Beach, NC
October	University of NC at Pembroke-Forensics Department, Lumberton, NC Computer Forensics Introduction

2008

March	Continuing Legal Education Class Computer Forensics for Attorneys, Raleigh, NC
September	NCAPI- NC Association of Private Investigators Conference, Hickory, NC An Overview of Computer Forensics
November	Continuing Legal Education Class Computer Forensics for Public Defenders, Durham NC

2009

April	National Association of Criminal Defense Lawyers Making Sense of Science Conference, Las Vegas, NV Computer Forensics
April	Wake-Raleigh Paralegal Association –CLE Luncheon, Raleigh, NC Computer Forensics for Attorneys
April	Computer Forensics Show Challenging Digital Forensics Examinations, Washington, DC
June	Alabama Criminal Defense Lawyers Association Conference Computer Forensics for Attorneys, Pensacola Beach, FL
July	SANS What Works Summit in Forensics & Incident Response Panel –Forensic Challenges in the Courtroom, Washington, DC
October	American College of Forensic Examiners National Conference Digital Forensics in Capital Murder Cases: a Defense Perspective, Las Vegas, NV
November	Durham Bar Association CLE Luncheon-Computer Forensics for Attorneys, Durham, NC

- December California Association of Criminal Justice Lawyers
Computer Forensics for Attorneys, San Diego, CA
- 2010**
- January DOD Cyber Crime Conference
Challenging the Law Enforcement Examiner, St. Louis MO
- May Computer Enterprise and Investigations Conference
Expert Witness Panel, Las Vegas, NV
- October Washington County Bar Association, Jonesboro, TN
Digital Forensics for Attorneys
- October Mecklenburg Bar Association- Charlotte, NC
Digital Forensics for Attorneys
- October Virginia Association of Criminal Defense Lawyers - Portsmouth, VA
Computer Forensics in Child Porn Cases
- November DuPage County Bar Association, Wheaton, Ill
Digital Forensics for Attorneys
Cellular Phone Forensics for Attorneys
Understanding Data Destruction and Recovery
Cellular Tower Technology
- November Spokane Bar Association, Spokane, WA
Digital Forensics for Attorneys
Cellular Phone Forensics for Attorneys
Understanding Data Destruction and Recovery
Cellular Tower Technology
- December Lafayette Bar Association, Lafayette, LA
Digital Forensics for Attorneys
Cellular Phone Forensics for Attorneys
Understanding Data Destruction and Recovery
Cellular Tower Technology
- 2011**
- January Sevier County Bar Association, Sevierville, TN
Digital Forensics for Attorneys
- March Washoe County Bar Association- Reno, NV
Digital Forensics for Attorneys
Cellular Phone Forensics for Attorneys
Understanding Data Destruction and Recovery
Cellular Tower Technology
- April Virginia Trial Lawyers Assoc. - Advanced Criminal Law Retreat – Charlottesville, VA
Digital Forensics for Attorneys
Cellular Tower Technology
- May Computer Enterprise Investigations Conference, Orlando, FL
Massively Multiplayer Game Forensics

- July Alamance County Bar Association- Burlington, NC
Modern Surveillance Techniques
Cellular Phone Forensics for Attorneys
- December Robinson, Hinson and Bradshaw CLE- Charlotte, NC
Digital Forensics for Attorneys
- 2012**
- January New Hanover Public Defenders CLE- Wilmington, NC
Digital Forensics for Attorneys
Cellular Phone Forensics for Attorneys
Digital Forensics in Child Pornography Cases
- February Winchester County Public Defenders CLE- Winchester, VA
Digital Forensics for Attorneys
- March District Court Judges CLE- Monroe, NC
Digital Forensics for Attorneys
- March Virginia Public Defenders CLE- Winchester, VA
Cellular Phone and Cellular Technology Forensics for Attorneys
Digital Forensics in Child Pornography Cases
- May Gloucester County Bar Association – New Jersey
Digital Forensics for Attorneys 1 and 2
Cell Phone Forensics
Cell Tower Technology Forensics
Digital Forensics in Murder Cases
Digital Forensics in Child Pornography Cases
- May Missouri Public Defenders Conference - Branson, MO
Cell Phone and Cell Tower Technology Forensics
- June 74th Virginia Bar Association Conference– Virginia Beach
Cell Tower and Geo-location Forensics
- July Martinsville County Public Defenders CLE- Collinsville, VA
Digital Forensics for Attorneys Part 2
Digital Forensics in Murder Cases
Digital Forensics in Child Pornography Cases
- July Illinois State Bar Association- Panel Recording- Chicago, IL
Admitting Facebook Pages into Evidence
- September Criminal Defense Bar Association- Durham, NC
Digital Forensics for Attorneys- One Hour Overview
- September Washington DC Public Defenders Conference
Digital Forensics for Attorneys – Single Session

- October NC Association of Police Attorneys- Wrightsville Beach, NC
 Digital Forensics for Attorneys Part 1
 Digital Forensics for Attorneys Part 2

- November Wisconsin State Public Defenders Annual Conference
 Digital Forensics for Attorneys Part 1
 Digital Forensics for Attorneys Part 2

- November Florida Public Defenders Semi-Annual Meeting
 Cell Tower and GPS Forensics for Attorneys

- 2013**
- January Idaho Law Foundation Annual Flagship CLE – Boise, ID
 Cellular Phone Forensics for Attorneys
 Digital Forensics in Child Pornography Cases
 Digital Forensics in Murder Cases

- January Prisoner Legal Services CLE – Raleigh, NC
 Digital Forensics for Attorneys Part 1
 Digital Forensics for Attorneys Part 2

- February Envision Discovery CLE – Brooks Pierce – Raleigh, NC
 Legal Ethics in E-Discovery

- March Women in E-Discovery CLE – Charlotte, NC
 Legal Ethics in E-Discovery

- April Virginia Trial Lawyers Association (VTLA) & Virginia Association of Criminal Defense
 Lawyers (VACDL)-Advanced Criminal Law Retreat - Charlottesville, VA
 Discovering Evidence and Witnesses on the Internet

- May Oklahoma Bar Association CLE – Oklahoma City, OK
 Digital Forensics for Attorneys Part 1
 Digital Forensics for Attorneys Part 2
 Cell Phone Forensics
 Audio, Photo & Video Forensics
 Digital Forensics in Child Pornography Cases
 Digital Forensics in Murder Cases

- May CPCS Annual Training Conference – Boston, MA
 Digital Forensics for Attorneys
 Cell Tower and GPS Forensics for Attorneys

- May Computer Enterprise Investigations Conference (CEIC) – Orlando, FL
 Writing Expert Reports and Defending Them in Court

- June Rhode Island Bar Association Annual Meeting – Providence, RI
 Overview of Digital Forensics for Legal Professionals (1.25Hr)

- July The University of Mississippi Center for CLE – Criminal Law Update – Biloxi, MS
 Digital Forensics for Attorneys – Single Session
 Cell Phone Forensics
 Audio, Photo & Video Forensics
 Digital Forensics in Child Pornography Cases

- Digital Forensics in Murder Cases
 Legal Ethics in E-Discovery
- September Colorado State Public Defender Annual Fall Conference – Westminster, CO
 Digital Forensics for Attorneys Parts 1 & 2
 Cell Phone Forensics for Legal Professionals
 Digital Forensics in Child Pornography Cases
 Digital Forensics in Murder Case
- September Florida Public Defenders Life Over Death Seminar – Bonita Springs, FL
 Cell Tower and GPS Forensics for Attorneys
- October Montana Public Defenders Annual Training Conference – Missoula, MT
 Legal Ethics in E-Discovery
 Cell Phone Forensics and Cell Tower Technology Forensics
- November Virginia Capital Defense Workshop – Richmond, VA
 Cell Phone Forensics and Cell Tower Technology Forensics
- 2014**
- February Travelers Insurance Training – Morristown, NJ (Not for CLE Credit)
 Overview of Cell Phone Forensics, Cell Carrier Data, Navigation Systems & GPS Devices
- May Ohio State Bar Death Penalty Defense Seminar – Columbus, OH
 Digital Forensics in Murder Cases
- June Arkansas Association of Criminal Defense Lawyers Annual Meeting – Little Rock, AR
 Cell Phone Forensics
 Digital Forensics in Child Pornography Cases
- June Women in E-Discovery CLE – Raleigh, NC
 Legal Ethics in E-Discovery
- July Cook County Bar Association Forensic Boot Camp – Chicago, IL
 Overview of Digital Forensics for Legal Professionals
 Cellular Analysis and GPS Tracking for Attorneys
 Digital Forensics in Murder Cases
- July National Association for Public Defense – Webinar
 Digital Forensics for Attorneys – Single Session
- August Montana Public Defenders Office Investigator Conference – Livingston, MT
 Cell Phone Forensics
 Cellular Analysis and GPS Tracking for Attorneys
- October National Business Association Teleconference CLE
 Digital Forensics for Attorneys Part 1
 Digital Forensics for Attorneys Part 2
- November US Marine Corps Webinar Presentation (Not for CLE Credit)
 Digital Forensics in Child Pornography Cases

- December FL Public Defenders Trial with Style Winter Conference – Ponte Vedra Beach, FL
Overview of Digital Forensics for Legal Professionals (1.5Hr)
- December New York State Defenders Association CLE – New York, NY
Cellular Analysis and GPS Tracking for Attorneys
- 2015**
- January Virginia Indigent Defense Commission Investigator’s Conference – Richmond, VA
Cellular Analysis and GPS Tracking for Attorneys
- January MyLawCLE Webcast CLE – Webcast from Orlando, FL
Overview of Digital Forensics for Legal Professionals (1Hr)
Cellular Analysis and GPS Tracking for Attorneys
- January Brooks Pierce CLE – Raleigh, NC (Webcast to Wilmington, NC and Greensboro, NC)
Social Media Ethics and Issues
- March Duke Law School Panel –Whiskey in the Courtroom: Evolving Trends in Forensic Science
Using Cell Tower Evidence to Determine Suspect Location: Phone Records and StingRay
Devices (Co-Presented with Lars Daniel and Attorney Nathan Wessler) – Durham, NC
- April New York State Bar Association Civil & Criminal Litigation Sections CLE – Albany, NY
Cell Phone Forensics
Cellular Analysis and GPS Forensics for Attorneys
- May Tennessee Bar Association Webinar CLE – Nashville, TN
Cellular Analysis and GPS Tracking for Attorneys
- May Ohio State Bar Association Death Penalty Defense Seminar – Columbus, OH
Cellular Analysis and GPS Forensics for Attorneys
Digital Forensics in Murder Cases
- May NC Attorneys for Science & Technology CLE Boot Camp – Digital Forensics: The New DNA
(Co-Presented with Lars Daniel) – Raleigh, NC
Cellular Analysis and GPS Tracking for Attorneys
- December Ohio State Bar Association – Columbus, OH
Cellular Analysis and GPS Forensics for Attorneys
Digital Forensics in Child Pornography Cases
Cell Phone Forensics
Digital Forensics for Legal Professionals Part 1 and 2.
- 2016**
- May NC Defense Trial Lawyers Association – Winston-Salem, NC
Overview of Digital Forensics for Attorneys
Cell Phone Forensics
Cell Phone Location Evidence for Attorneys
- May Enfuse Conference – Las Vegas, NV
Writing Expert Reports and Providing Expert Testimony
- June CBI Cyber Claims Seminar – Singapore
Evolving Cyber Threats

- June Federal Defenders Capital Habeas Unit Annual Conference -
Chicago, IL
Cell Phone Location Evidence for Legal Professionals
- July Federal Defenders of Wisconsin – Eastern District CLE Seminar – Milwaukee, WI
Cell Phone Location Evidence for Legal Professionals
- August CJA Attorneys / Federal Defender Training Division Seminar – New Orleans, LA
Cell Phone Location Evidence for Legal Professionals
- August Ohio State Bar Association – Columbus, OH
Digital Forensics for Legal Professionals – Part 1
Digital Forensics for Legal Professionals – Part 2
Cell Phone Location Evidence for Legal Professionals
Cell Phone Forensics for Legal Professionals
Digital Forensics in Murder Cases
Digital Forensics in Child Pornography Cases
- September CURIE Seminar – Calgary, CA
Evolving Cyber Risks
- September Tennessee Bar Association Webinar Series – Nashville, TN
Digital Forensics in Murder Cases
- October Virginia Claims Conference
Overview of Digital Forensics in Insurance Claims
- October NACDL Suppress it! Annual Conference
Cell Phone Location Evidence for Legal Professionals
- November Missouri Bar Association
Cell Phone Location Evidence for Legal Professionals
- November Tennessee Bar Association – Recorded live webinar
Cell Phone Location Evidence for Legal Professionals
- 2017**
- February Trucking Industry Defense Association Advanced Seminar
Digital Forensics in Trucking Cases Module
(Cell phones, call detail records, GPS)
- February Envista Forensics Webinar
Vehicle Accident Reconstruction and Distracted Driving Digital Forensics
- March Texas Criminal Defense Lawyers Association
Cell Phone Location Evidence for Legal Professionals
- April Maryland Public Defenders Conference
Cell Phone Location Evidence for Legal Professionals
- April Federal Defender Seminar – North Carolina
Cell Phone Location Evidence for Legal Professionals

- May Webinar – ClearLaw Institute
 Cell Phone Location Evidence for Legal Professionals

- May Criminal Seminar – Oneida, NY
 Cell Phone Location Evidence for Legal Professionals

- May Webinar – Guardian Digital Forensics Platform
 Cell Phone Location Evidence for Legal Professionals

- May New Jersey Public Defenders
 Cell Phone Location Evidence for Legal Professionals

- May 2017 Spring Public Defender Attorney & Investigator Conference
 Cell Phone Location Evidence for Legal Professionals

- June Webinar – ClearLaw Institute
 GPS Forensics for Legal Professionals

- June Techno Security Conference
 Spoofed! Recognizing and Revealing Faked Communications

- June 2017 West Virginia Indigent Defense Conference
 Cell Phone Location Evidence for Legal Professionals

- June Webinar – Guardian Digital Forensics Platform
 GPS Forensics for Legal Professionals

- July Georgia Public Defenders Conference
 Cell Phone Location Evidence for Legal Professionals

- August Webinar – ClearLaw Institute
 Cell Phone Location Evidence for Legal Professionals

- August Administrative Office of the U.S. Courts Office of Defender Services Training Division: Multi-Track Federal Criminal Defense Seminar – New Orleans, LA
 Cell Phone Location Evidence for Legal Professionals

- September Arkansas Annual Trucking Seminar – Rogers, AR
 That’s How They Get You: Understanding Cellular and GPS Tracking Evidence
 Co-Presenters: Lynn Castagna, Castagna Scott
 Cassandra Gaines, Schneider National Carriers
 Lars Daniels, Guardian Digital Forensic

- October Webinar – The Missouri Bar
 Location Evidence from Call Detail Records, Cell Phones and GPS Units

- October Webinar - Envista Forensics Platform
 Digital Forensics in Murder Cases

- October Florida Public Defender Life Over Death Seminar – Bonita Springs, FL
 Cell Phone Forensics
 Digital Evidence in Murder Cases

October	Webinar - Guardian Digital Forensics Platform Digital Forensics in White Collar Crime Cases
October	Webinar – National Association for Public Defense Cell Phone Location and Tracking Evidence
November	Virginia Indigent Defense Commission 2017 Investigator Conference Cellular Location and Tracking Forensics Overview of Computer Forensics
November	Federal Criminal Practice Seminar – Wrightsville Beach, NC Cell Phone Location Evidence
November	Digital Evidence Series: Part I Cosponsored by the UNC-Chapel Hill School of Government & Office of Indigent Defense Services Cell Phone Location Evidence for Legal Professionals
November	Insurance Institute of BC - Vancouver Digital Forensics for Claims Professionals
November	Criminal Defense Attorneys of Michigan Advanced Criminal Defense Practice Conference Keynote Speaker with Lars Daniel Cell Phones: Forensics, Location, and Tracking
November	Webinar – Guardian Digital Forensics Platform Digital Forensics in Trucking Cases
2018	
January	Georgia Capital Defender Two-Day Training – Savannah, GA Tech Works Both Ways
February	Virginia State Bar Criminal Law Seminar – Charlottesville, VA The Eye of Sauron is Upon You – Cell Phone Location Evidence
February	Virginia State Bar Criminal Law Seminar – Williamsburg, VA The Eye of Sauron is Upon You – Cell Phone Location Evidence
February	NACDL Philadelphia Cell Phone Location Evidence for Legal Professionals Digital Forensics for Legal Professionals
February	Law Office of the Cook County Public Defender – Homicide Task Force Presentation
March	AttorneyCredits.com Webinar – Envista Morrisville, NC Cell Phone Location Evidence for Legal Professionals
April	Webinar – Envista Forensics Platform Trucking Accident Claim Investigations
April	Webinar – Envista Forensics Platform

	Claims Investigations in the Age of the Internet of Things
May	Amy K Harris Criminal Law Section Cell Phone Location Evidence for Legal Professionals Cell Phone Forensics
May	National Seminar for Federal Public Defenders Cell Phone Location Evidence for Legal Professionals
June	LOPD Public Defenders New Mexico Cell Phone Location Evidence for Legal Professionals
June	KY KYIASIU Seminar Cell Phone Location Evidence for Legal Professionals
June	Iowa Public Defenders Cell Phone Location Evidence for Legal Professionals
June	Michigan Public Defenders Cell Phone Location Evidence for Legal Professionals
June	Federal Public Defenders Florida Cell Phone Location Evidence for Legal Professionals Cell Phone Forensics
July	NJ Office of the Public Defender Cell Phone Location Digital Forensics 101
August	Cook County Public Defender Cell Phone Location Evidence for Legal Professionals
September	CLM Cyber College Hacking Internet of Things Cyber Attacks and Critical Infrastructure
November	Wisconsin Public Defender Conference Cell Phone Location Evidence
November	Illinois Criminal Defense Lawyers Violent Crimes Seminar Cell Phone Location Evidence
November	Florida Public Defenders Conference Cell Phone Location Evidence

FORENSIC TRAINING PROVIDED

April 25, 2009 Introduction to Computer Forensics- Raleigh, NC 32 Hours

May 15, 2009	Intermediate Computer Forensics I- Raleigh, NC 32 Hours
June 5, 2009	Intermediate Computer Forensics II- Raleigh, NC 32 Hours
May 25, 2009	Cellular Phone Forensics- Raleigh, NC 32 Hours
July 2017	Guardian Digital Forensics, Raleigh, NC - Historical Cell Site Analysis 70 Hours
March 2019	Envista Forensics, Global Positioning System Technology and Records Analysis 32 Hours

Larry has also provided training in MS Office Applications, QuickBooks, Peachtree Accounting, Crystal Reports, Basic Programming, Microsoft Access, Database Design and Development, Computer Repair and Troubleshooting, Energy Management Systems Controls and Engineering, and Energy Management System Graphical Control Software by National EnCo and Novar Corporation.