



ART MILLER
President

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About Design Concepts, Inc.

Design Concepts is small, but our clients are among the largest. These firms demand top notch technology and service, and they get it from us. We've built a well-rounded team of seasoned experts in the diverse disciplines that make up electronic design and production. Our many client companies have found that our low overhead operation allows the unbeatable combination of competitive rates and senior expert personnel.

Professionalism: What Is It

It's knowing that confidentiality is of paramount importance. Some of our clients have literally millions of dollars invested in the ideas they disclose to us.

It's knowing that it has only been our superior performance that has allowed us to be a rarity in the consulting electronics business: over twenty years of service to our clients large and small.

How Can You Be Sure?

The answer is you can't be 100% sure of anything, but look at any firm's track record, clients, projects, references, and longevity. Look at our conservative attitude: we would prefer to start with moderate steps, and milestones; rather than try to sell you an over inflated, nebulously defined, lump sum total package.

It's More Than Just High Tech Know How

At Design Concepts we know the importance of scheduling, budgeting, and personnel management. We know how to bring many separate project paths together for the required result. We pride ourselves on maintaining good relations among the client's employees. We have repeatedly created and managed efficient and productive design teams consisting of both employees and our staff experts.

PRINCIPAL SERVICES

Product Planning
Market Engineered Products
Software Design
Digital Design
Analog Design
Electrical Noise/Transient Suppression
Certification Compliance

Catastrophic Failure Analysis/Correction
Product Simulation/Modeling
Product Analysis/Cost Reduction
Production Support/Analysis
Production Cost Reduction
Prototype Production
Project Management

SAMPLING OF INDUSTRIES SERVED & PROJECTS

AUTOMOTIVE

- Computerized Tire Balancing
- Diesel Tachometer/Timing Light

COMMUNICATION

- Database System for Telephone Switching Computer
- Computer Controlled Multi-Channel Municipal Radio System

COMMERCIAL PRODUCTS

- Computer Controlled Check Signing Machine
- IR-triggered Plumbing Fixtures
- Bowling Alley Monitor and Accounting System
- Commodities Futures Database and Analysis System
- Micro-controlled VCR for Auto Showroom Advertising
- Electronic Window Opener System
- Micro-controlled Community Warning System
- Precision Digital Measuring Gauge
- Network Software For Cash Registers

CONSUMER PRODUCTS

- Paper Shredder Electronics
- Electronic Game Design
- Low End PC Design
- Aftermarket Software For PC

CONSUMER PRODUCTS (cont)

- Computerized Exercise Machine
- Gas/Electric Range Electronics
- Vacuum Cleaner Electronics
- Electronic IR Controls for Consumer/Commercial Plumbing
- Battery Powered Soap Dispenser
- Electronic Toy Design
- Computer Furniture Suppressor Outlet Strips
- Solid State Record/Talking Products

EMC/REGULATORY/RELIABILITY

- FCC Passage Transponder Vehicle Locating System
- CE Certification Gaging Instrumentation
- MIL217 Analysis Industrial Motor Controls, Process Control Equipment
- FDA Software Pre-Screening Laser Product
- UL Compliance Paper Shredders, Suppressor outlet Strips, Electronic Plumbing Fixtures
- Federal Railroad Agency Compliance 'Black Box' Telemetry Gathering And Software Analysis
- Anti-Static Programs Numerous Production Environments
- ESD Hardening Process Control Equipment, Gaging Instrumentation, Electronic Window Openers.

SAMPLING OF INDUSTRIES SERVED & PROJECTS (cont.)

INDUSTRIAL/PRODUCTION

- . Integrated Circuit Testing Software
- . Production/Design Review Programmable Controller Product
- . IC Fabrication Oven Control Programs
- . Microbased Control for Automatic Welding Equipment
- . Microbased Control for Automatic Pipe Bending Equipment
- . Failsafe Dual Computer Control System For Chemical Process
- . Production Power Transistor Tester
- . Switching Power Supply For Variable Speed Motor Drive Control
- . Line Balance/Failure Analysis/Anti-Static Program/Encapsulation/Test Jigs/Test Manuals And Procedures/Transient Analysis/Cost Reduction

MASS TRANSIT

- . Computerized Turnstile
- . Farebox Data Acquisition And Reporting System
- . Portable Data Acquisition System

MATERIAL HANDLING

- . Computer Design for Driverless Vehicles
- . Real Time Traffic Management Software
- . Routing and Blocking Software and Graphics Packages
- . Transponder Locator System
- . Simulation Hardware and Software

MEDICAL ELECTRONICS

- . CAT Scanner Viewing Station
- . Blood Flow Analysis Program
- . EEG Realtime Monitor
- . Ultra-sound Imaging System Software
- . Software Review of Laser System For FDA Approval

PRINTING AND TYPESETTING

- . Press Network Control
- . Typesetter Electronics and Software
- . Industrial Ink Jet Software
- . Microprocessor Based Commercial Typesetting Electronics
- . Commercial Typesetting Software
- . PC Based Typesetting Software

EDUCATION & TRAINING

- . In House Seminars EMC Topics
- . Nationwide Digital Electronics Seminars
- . Nationwide Advanced Microprocessor Programming Seminars
- . Public Domain Software Seminars
- . Training/Seminar Leadership Technique Workshop
- . Consulting Techniques Workshop For Firms That Sell Consulting

RAILROAD

- . Locomotive Data Gathering
- . Locomotive Report Generation System
- . Locomotive Telemetry Multiplexing System Software
- . Locomotive Communication Network for Fuel Gauge System
- . Locomotive Speedometer/Accelerometer System



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PARTIAL LIST OF CLIENTELE

A.B. DICK	DUNCAN INDUSTRIES	OAK COMMUNICATIONS
AEROQUIP	EXTEL	OMRON
ALPHATYPE-BERTHOLD	FEDERAL SIGNAL	PAYMASTER
AMEROCK	FELLOWS COMPANY	R. T. A.
AMOCO RESEARCH CENTER	FURNAS ELECTRIC	REHKEMPER INVENTION & DESIGN
ANDERSON WINDOW	GENERAL FAREBOX	SEARS ROEBUCK
APF CORPORATION	G.D. SEARLE	SLOAN VALVE CO.
AT&T BELL LABORATORIES	GOODYEAR TIRE CO.	SPECIALTY LIGHTING
BARRETT ELECTRONICS	HEDMAN COMPANY	STANFORD LINEAR ACCELERATOR
BEAR AUTOMOTIVE	JOHNSON WAX	STEINER
CHICAGO DIAL INDICATOR	KDA	SUN ELECTRIC
COCA-COLA	MANNESMAN DEMAG	SWINGLINE
COLOR TILE	McGRAW HILL	THE SOURCE
COMMUNITECH	MERRILL LYNCH	UOP
CONOCO-TELLUS	MOTOROLA	WHIRLPOOL
DIGITAL EQUIPMENT CORP.	NATIONAL CASH REGISTER	WILSON
	NU-DELL	