



WHERE PEOPLE & TECHNOLOGY PROSPER

**Oakland County  
Michigan**  
Emerging Sectors®

# Communications & Information Technology



*Connecting* your Future



## The Oakland County Communications and Information Technology Advantage

Information technology has shifted the paradigm of the world economy. Thanks to advanced communications and IT systems, knowledge-based workers who create and utilize information, play a key role in all business activities. Oakland County understands the importance of these vital business sectors and County Executive L. Brooks Patterson is promoting the development of companies striving to grow and expand in these ever-changing fields.

Worldwide information technology spending is forecast at \$3.8 trillion in 2012, a 3.7 percent increase from 2011, according to the latest outlook by Gartner, Inc. The research also showed that information technology spending in the U.S. is projected to grow 8.4 percent in 2012 to \$500 billion and information technology consulting services and communications equipment are expected to both grow about 7 percent.

Oakland County is ready to help your company tap into these global opportunities in the communications and information technology sectors. Our economic development team is wired for business.

### Organizations To Support You:

- ◆ Association of Information Technology Professionals (AITP)
- ◆ Automation Alley – Southeast Michigan's Regional Technology Cluster
- ◆ Great Lakes Interactive Marketing Association
- ◆ GLIMA – Association of Technology-Oriented Professionals
- ◆ Internet2
- ◆ Merit Network
- ◆ Michigan Health Information Management Association
- ◆ Michigan Manufacturing Technology Center (MMTC)
- ◆ Michigan Technology Association (MTA)
- ◆ Michigan's Technology Tri-Corridor
- ◆ Mobile Technology Association of Michigan (MTAM)
- ◆ Small Business Association of Michigan (SBAM)
- ◆ TARDEC's National Automotive Center (NAC)
- ◆ Telecommunications Association of Michigan
- ◆ U.S. Army Tank Automotive Research, Development and Engineering Center (TARDEC)

### Local & Regional Advantages for Communications & Information Technology Companies

- ◆ Almost 43 percent of Fortune Global 500 companies have business locations in Oakland County
- ◆ Eighty-six of the region's top Private 200 firms are headquartered in Oakland County
- ◆ Oakland County has over 76,000 people working in the professional, scientific, management and administrative services industries
- ◆ Over 36 percent of Michigan's custom computer programming service firms are located in Oakland County
- ◆ Oakland County has been named among the most digitally advanced counties in America by the Center for Digital Government and the National Association of Counties
- ◆ More than 30,000 workers engaged in engineering, research and development
- ◆ Files over 3,000 patents annually, placing Michigan in the top-10 states for total number of patents granted
- ◆ Access to 2.7 million skilled manufacturing and technical workers

### Work Force: Educated, Innovative & Motivated

- ◆ Over 41 percent of Oakland County residents have college degrees (national average is about 26 percent)
- ◆ Oakland County has the third highest number of high-tech workers in the nation and twice the corporate R&D professionals compared to the national average
- ◆ Population of Michigan's work force: 5.1 million
- ◆ 15 public universities, 50+ independent universities and colleges, 29 community colleges in Michigan
- ◆ Over 96,000 college degrees are granted every year in Michigan – almost twice as many as the national average
- ◆ 2 ½ times the number of master's degrees were granted in Michigan than the national average
- ◆ Close to 1,500 Ph.D.'s are granted in Michigan every year – almost twice the national average
- ◆ Michigan colleges and universities graduate more than 10,000 engineers and technicians annually

## Michigan Universities: Research Centers

There are over 30 research projects and almost 30 research centers related to Communications & Information Technology at Michigan colleges and universities. Here's a partial list of the schools and programs:

### Central Michigan University

- ◆ The Software Engineering and Information Technology Institute

### Lawrence Technological University

- ◆ Electrical and Computer Engineering Lab

### Michigan State University

- ◆ National Superconducting Cyclotron Laboratory
- ◆ Media Interface and Network Design Laboratory (M.I.N.D.)
- ◆ Digital Media Art and Technology Laboratory (dMAT)
- ◆ Information Technology and Services Laboratory
- ◆ Quello Center for Telecommunications Management & Law
- ◆ Software Engineering and Network Systems Laboratory
- ◆ High Performance Computing Laboratory
- ◆ MATRIX
- ◆ ComTech Lab

### Michigan Technological University

- ◆ Center for Experimental Computation

### Oakland Community College

- ◆ Computer Information Systems Program

### Oakland University

- ◆ Center for Entrepreneurship in Information Technology (CEIT)
- ◆ Systems Engineering Lab

### University of Michigan

- ◆ Center for Advanced Computing
- ◆ Communications and Signal Processing Laboratory
- ◆ The Artificial Intelligence Laboratory
- ◆ Center for Information Technology Integration (CITI)
- ◆ Virtual Reality Laboratory

### Walsh College

- ◆ Information Assurance Center (National Center of Excellence)

### Wayne State University

- ◆ Institute for Scientific Computing
- ◆ SenSound - Visualization of (3D) sound sources and paths
- ◆ Manufacturing Information Systems Center
- ◆ Institute for Information Technology
- ◆ Networking Wireless Sensors Laboratory

### Western Michigan University

- ◆ CATIA (Computer Aided Three-Dimensional Interactive Application) Training Laboratory
- ◆ Tecnomatix Virtual Learning Software

### Green - These universities are either located in Oakland County or have campuses in Oakland County

### Innovators from University of Michigan include:

- ◆ Tony Fadell, creator of the Apple iPod
- ◆ Charles Hutchins, creator of Computer-Aided Engineering
- ◆ Bill Joy, founder of Sun Microsystems
- ◆ Thomas Knoll, co-creator of Adobe Photoshop
- ◆ Larry Page, co-founder of Google, Inc.

### Access to Capital and Worker Training

Oakland County's Business Development Team will help your company find potential sources of capital, financing and work force. They include:

- ◆ **Angel Networks** – Michigan has three active Angel Networks: The Great Lakes Angels, The Grand Angels and The Ann Arbor Angels
- ◆ **Oakland County Workforce Development** – Provides resources to find trained employees and opportunities for job seekers to identify and receive training to gain new skills
- ◆ **State Incentives** – The business development team provides expert assistance to eligible businesses seeking to obtain property tax abatements from local communities. The staff also offers consultation to those businesses that qualify for incentive programs available from the state of Michigan.
- ◆ **Venture Capital** – Over the last five years, more than \$729 million in venture capital has been invested in over 150 businesses in Michigan. For new high-technology industries, the state created the \$215 million Venture Michigan Fund I & II to promote investment in early-stage firms operating here. With the matching requirement, this initiative will attract an additional \$645 million in capital to Michigan for investment in promising new high-technology companies.

# Communications & Information Technology Companies - (Partial List)

## Oakland County Companies

3D Solutions Inc.  
4-Serv Fourth Generation Services Inc.  
Absoft Corp.  
Advanced Data Research Inc.  
Altair Engineering Inc.  
American Systems Technology Inc.  
Ancor Information Management  
AOL  
ASI DataMyte  
Awecomm Technologies  
BRT Inc.  
Bunkspeed  
Cadcam-E Inc.  
Cadre Systems  
CareTech Solutions Inc.  
Cats Co.  
CBEYOND  
CCI Technologies  
Center for Computer Resources  
CGI Information Systems  
Ciber  
Cisco Systems  
Clarity Technologies  
CogniTens  
Compliance Systems Inc.  
Compsat Technology Inc.  
Compusoft Integrated Solutions  
Compusonics Video Corp.  
CompuSystems Inc.  
Computech Corp.  
Computer Associates  
Computer Consultants of America Inc.  
Covansys Corp.  
Creative Breakthrough  
Cyberlogic Technologies Inc.  
Cypress Corp.  
Danlaw Inc.  
DASI Solutions  
Data Communications Corp.  
Data Direction Inc.  
Data Tech Services Corp.  
Datanational Corp.  
Dearborn Group Technology  
Delmia Corp.  
Dialogue Marketing  
Dynalog Inc.  
EASi  
E-Con

EGS Inc.  
Enco Systems Inc.  
Engineering Mechanics  
Research Corp.  
ePrize  
ERP Technologies Inc.  
ESI North America  
Eureka Technocrats Inc.  
Fisher/Unitech Inc.  
Future Three Software Inc.  
Gedas USA  
Graph-Tech Inc.  
Grid 4 Communication  
HEM Data Corp.  
HTC Global Services Inc.  
IBM  
ID Software  
iDashboards  
Ideal Technology Solutions U.S.  
Idetix Software Systems  
Image Process Design Inc.  
ImageSoft Inc.  
Information Gateways Inc.  
Information Systems Corp.  
Information Technology Intellectuals  
Corp.  
Innovative Technology Group Services  
Innovision Technologies Inc.  
Insolexen Corp.  
Integrated Data Solutions Inc.  
Internet Security Alliance



Intrepid World Communications  
KBTS Technologies Inc.  
Laird Technologies  
Lakeside Software Inc.  
Logica CMG  
Logicallis Inc.  
Mango  
Mars Advertising  
MDC Systems Inc.  
Media Genesis  
Medstat Group Inc.  
Member Drive Technologies  
MicroPro Corp.  
Microsoft Corp.  
Millenium Software Inc.  
Minacs  
Miracle Software Systems Inc.  
Modern Computer Corp.  
Mousetrap  
Nactech Corp.  
Navteq  
Ncode International Inc.



Netlink Software Group America  
New Car Test Drive Inc.  
New World Systems Corp.  
Nextep Systems  
North American Bancard  
NTT Communications  
NuSoft Solutions Inc.  
Nuspire  
Nvision Inc.  
Ociter Enterprises  
OEM Microsolutions Inc.  
Opticore  
Paramount Technologies Inc.  
Parker Hannifin Corp.  
Plexus Systems  
PMV Technologies  
Preferred Data System LLC  
Proforma Corp.  
Prospects Corp.  
Q E D Inc.  
Q-Das Inc.  
QS Solutions  
R.L. Polk  
Ranal Inc.  
Rathsburg  
Realcomp  
Realtime Technologies  
Red Level Networks  
Red Prairie  
Red Sky Technologies Inc.  
Redevex Software Inc.

REH Associates Inc.  
RIIS  
RLP Technologies Inc.  
RouteOne  
RSB Systems Inc.  
SAI Systems Inc.  
SAP America Inc.  
Scate Technologies  
Search Optics  
Secure-24  
SER Solutions Inc.  
Silk Route  
Softlab Inc.  
SoftTech Solutions  
Solution Technology  
Sourcebits  
Spansion  
SRI International  
SunTel Services  
Synergy Computer Solutions  
Syntel Inc.  
System Solutions International  
Systems Technology Group Inc.  
TechMath of North America Inc.  
Technical Solutions Inc.  
Technology Integration Group  
Services Inc.  
Technosoft Corp.  
TechTeam Global Inc.  
Tecnomatix Technologies Inc.  
Tecoplan Informatik Inc.

TelNet  
Teoma Systems  
The TM Group Inc.  
TireStamp Inc.  
Touch World Inc.  
Traffic.com  
Trinary Systems  
Universal Solutions Inc.  
UpStream Software Corp.  
V2soft Inc.  
VED Software Services  
Vertare  
Via Information Tools  
Visionary Business Systems  
Waveform Technology  
Yojna Inc.

#### **Michigan Companies**

ADR International  
Advantage Computing Systems Inc.  
Advicon Computer Services Inc.  
American Megacom Inc.  
Ann Arbor Technologies Corp.  
Applied Dynamics International Inc.  
Ascent Technologies Inc.  
ASG Renaissance  
Compuware Corp.  
Comtech Computer & Data  
Systems Inc.  
Covisint Inc.  
E-Com Inc.  
Fullscope Inc.  
Information Solutions Group  
MC Technology Solutions  
Merit Network Inc.  
Netxert Inc.  
Open Mind Software Technologies Inc.  
Optrex America Inc.  
Quantum Compliance Systems Inc.  
Radley Corp.  
Rave Computer Association Inc.  
Renkim Corp.  
Vision Information Technologies  
Wise Solutions Inc.  
Zip Form



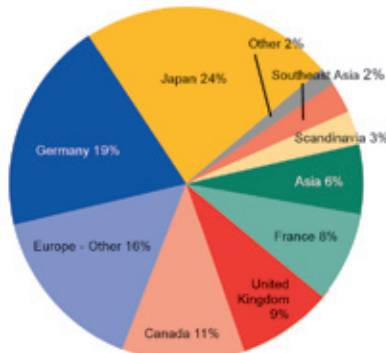
## Oakland County Can Help Your Business

- ◆ Site location
- ◆ Financing
- ◆ Tax Incentives
- ◆ Liaison with state and local agencies
- ◆ Workforce development
- ◆ Business Assistance Center (business consulting)
- ◆ Demographic products – to ensure you make the right decision for your company’s location

## Oakland County is an International Hub

Foreign firms make the strategic decision to locate in Oakland County because of our highly skilled work force, strong educational systems and the international support available to them.

- ◆ More than 700 foreign-owned firms from 37 countries – with more than 850 business locations – are located in Oakland County
- ◆ 19 school districts and three consortium schools in Oakland County offer Mandarin Chinese language programs
- ◆ Oakland County has more than 93,000 people in the labor force comprised of professional, scientific and technical services skills
- ◆ Oakland County International Airport is one of the busiest corporate airports in the United States, with more than half a million passengers annually



**L. Brooks Patterson,**  
Oakland County Executive

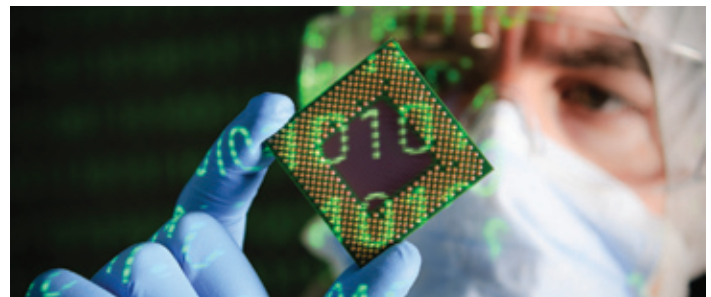
*With the support of  
The Oakland County Board  
of Commissioners*

## Oakland County is a Strategic Location



Centrally located between Chicago, Toronto and Cleveland

- ◆ Oakland County is strategically positioned to capture the entire Midwest market
- ◆ The Michigan-Ontario border is the busiest international crossing in the country, making this area an ideal location to reach the United States and Canadian market
- ◆ Ontario, less than an hour drive from Oakland County, generates 40 percent of Canada’s total domestic product



**Contact us today for more information:**

**Oakland County Department of Economic Development  
& Community Affairs**

2100 Pontiac Lake Road, Building 41 West  
Waterford, MI 48328  
Phone: (248) 858-8706 | Fax: (248) 975-9555

Website: [www.GlobalOakland.com](http://www.GlobalOakland.com)

*Oakland County's Communications & Information  
Technology Contact is:*

**Mark Adams**  
Senior Business Development Representative

Email: [adamsm@oakgov.com](mailto:adamsm@oakgov.com)  
Phone: (248) 858-5439 | Fax: (248) 975-9555