PARC, a Xerox company, is in The Business of Breakthroughs.®

Practicing open innovation, PARC provides custom R&D services, technology, expertise, best practices, and intellectual property to Fortune 500 and Global 1000 companies, startups, and government agencies and partners.

PARC creates new business options, accelerates time to market, and reduces risk for clients. PARC also augments internal capabilities and helps clients overcome the barriers between ideation and implementation.

Co-developing and customizing technology

Creating or discovering offerings from the ground up

Enabled access to missing or specialized expertise, intellectual property and know-how, or capital-intensive infrastructure (e.g., MOVCD reactor, prototyping and processing lines, clean rooms, materials characterization, microscopy and spectroscopy, eye trackers, machine shop)

PARC is comprised of ~180 physical, computer, and social scientists and engineers and ~80 business and operational staff from approximately 35 countries. 80% of PARC researchers hold doctoral degrees. PARC is organized into 4 research organizations: 2 software and 2 hardware. However, PARC forms multidisciplinary teams customized for every client engagement.

BASF
The Boeing Company
Dai Nippon Printing Co., Ltd.
Dentsu, Inc.
Dowa Electronics Materials Co., Ltd.
Fujitsu Limited
GLO-USA, Inc.
HexaTech, Inc.
Honda Motor Co., Ltd.
IHI Corporation
Intelligent Product Solutions
KDDI R&D Laboratories
LG Innotek Co., Ltd.
Motorola, Inc.
NEC Corporation
Nomura Research Institute
P&G
Panasonic Corporation
Power Assure, Inc.
PowerCloud Systems
Powerset, Inc. (now part of Microsoft)
Samsung
SofFocus, Inc.
Sony Corporation
Sun Microsystems (now part of Oracle)
Thin Film Electronics ASA
U.S. DARPA
U.S. Department of Defense
U.S. IARPA
U.S. National Institutes of Health
U.S. National Science Foundation
Xerox Corporation

IP & leadership

PARC holds total ~2500 patents total, filing on average 150 per year

PARC authors have published more than 4000 papers and 100 industry-defining books, and serve on numerous journal advisory boards

PARC researchers and executives present at ~100-150 industry conferences per year, co-chair or organize many of them, and deliver 20-30 keynotes per year

The Business of Breakthroughs®
industry contributions
30+ startup ventures including:

<table>
<thead>
<tr>
<th>Company</th>
<th>Acquired by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Powerset</td>
<td>acquired by Microsoft</td>
</tr>
<tr>
<td>dpiX</td>
<td>acquired by Siemens Medical, Philips Medical, others</td>
</tr>
<tr>
<td>Inxight</td>
<td>acquired by SAP</td>
</tr>
<tr>
<td>Kitas</td>
<td>exclusive license</td>
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<tr>
<td>ContentGuard</td>
<td>acquired by Microsoft, Time Warner, Thomson</td>
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<tr>
<td>GroupFire</td>
<td>acquired by Google</td>
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<tr>
<td>PlaceWare</td>
<td>acquired by Microsoft</td>
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<tr>
<td>Documentum</td>
<td>acquired by EMC</td>
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<tr>
<td>SynOptics</td>
<td>acquired by Nortel</td>
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<tr>
<td>Spectra Diode Labs</td>
<td>acquired by JDS Uniphase</td>
</tr>
<tr>
<td>ScanSoft</td>
<td>part of Nuance Communications</td>
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</tbody>
</table>

accolades
PARC employees have been named “Fellows” by professional societies such as:
American Association for the Advancement of Science (AAAS)
American Physical Society (APS)
American Psychological Association (APA)
Association for the Advancement of Artificial Intelligence (AAAI)
Association for Computing Machinery (ACM)
CHI Academy
Institute of Electrical and Electronics Engineers (IEEE)
Materials Research Society (MRS)
National Academy of Engineering (NAE)

PARC employees have earned these prestigious awards:
Academy Award (technical)
ACM SIGCOMM Award
ACM Turing Award
AIP Industrial Physics Prize
Charles Stark Draper Prize
Emmy Award
The Franklin Institute Bower Award for Achievement in Science
IEEE Computer Pioneer Award
IEEE John von Neumann Medal
IEEE Koji Kobayashi Computers and Communications Award
IEEE Medal of Honor
John Tyndall Award, IEEE Photonics Society
Margaret Mead Award, Society for Applied Anthropology
National Medal of Science and Technology

current focus areas
Big Data
Biomedical Devices
Clean Water
CleanTech & Energy
Content-Centric Networking
Health & Wellness
Innovation Services
Intelligent Automation
Intelligent Software Systems
Optics & Optoelectronics
Printed & Flexible Electronics

competencies
Bioinformatics
Ethnography
Large-Area Electronics
Fluid Dynamics
Microelectronics
Model-Based Reasoning
Networking & Distributed Systems
Optics & Optical Systems
Optoelectronic Detectors
Optoelectronic Emitters
Security & Privacy
Seminconducors
Socio-Cognitive Computing
Socio-Psychological Modeling
Thin Films
Ubiquitous Computing

technology contributions
a-Si & large-area electronics | collaborative filtering | context-aware services
unaligned text: corporate ethnography | digital rights management | digital x-ray imaging
unaligned text: electronic reusable paper | embedded data glyphs | encryption systems
unaligned text: Ethernet & distributed computing | fiber optics | graphical user interface (GUI)
unaligned text: information scent | Mbone, PUP, IPv6 | laser printing & multi-beam laser diodes
unaligned text: MUDs | natural language processing | object-oriented programming
unaligned text: PC workstation | solid-state lasers | ubiquitous computing
unaligned text: Unicode/multilingual computing | Unistrokes PDA input technology | UVLEDs | VLSI circuit design | WYSIWYG editing & formatting