

Patent Portfolio	Portfolio Description	Industry Sector	# of Active US Patents	All Active US Patents	Exemplary Patents
Digitude - Adaptec	Portfolio developed by Adaptec relating to peripheral device management and communications, host adapter interfaces, data bus communications, clock signal generation, power management, and encoding/compression.	Consumer Electronics and PCs	92	US6064247, US6078068, US6084433, US6095408, US6098140, US6108256, US6112272, US6114731, US6114892, US6124727, US6144223, US6163871, US6167526, US6192497, US6192499, US6204980, US6205527, US6212656, US6233282, US6237842, US6243767, US6247086, US6249831, US6253272, US6256685, US6256689, US6263391, US6266801, US6275081, US6282149, US6282501, US6285219, US6289426, US6289477, US6298101, US6304837, US6311303, US6327556, US6329938, US6341341, US6360353, US6365839, US6374363, US6374366, US6385707, US6389571, US6393592, US6401919, US6408354, US6412098, US6414508, US6415382, US6430663, US6442196, US6449289, US6457090, US6473826, US6477593, US6477601, US6477629, US6487029, US6529973, US6532232, US6532535, US6609167, US6629179, US6636922, US6636927, US6658459, US6662334, US6664811, US6675243, US6681928, US6684229, US6687322, US6708242, US6714949, US6883042, US6915462, US6981185, US7000025, US7072988, US7130932, US7137087, US7206798, US7231616, US7260726, US7272194, US7305332, US7320013, US7324421, US7454630	US5926636; US5929655
Digitude - NEC	Portfolio developed by NEC relating to personal computing systems. Focus patents pertain to modular computing systems, power and memory management, packet-based communications, audio/video processing, and system suspend/resume functionality	Consumer Electronics and PCs	16	US6018462, US6031563, US6049038, US6061220, US6211475, US6212497, US6215719, US6252776, US6262882, US6278384, US6311286, US6388432, US6457136, US6553400, US6671012, US6684083	

	(including hard disk and keyboard locking mechanisms).				
Digitude - Mitsubishi	Portfolio developed by Mitsubishi Electric Corporation relating to mobile handsets and operating systems.	Mobile Communications and Devices	5	US6332024, US6456841, US7079877, US7123903, USRE41997	US6208879, US6456841
Digitude - Delphi	Portfolio developed by Delphi Technologies relating to circuit board assembly and packaging techniques, such as surface mounts.	Semiconductors	20	US5938862, US6081996, US6609651, US7242560, US6259608, US6309224, US6376375, US6402012, US6407895, US6426461, US6531664, US6565365, US6570089, US6593527, US6614108, US6630251, US6655018, US7280370, US7294007, US7447041	6535396; 7422448
Graphics Properties Holdings	Portfolio developed by Silicon Graphics (SGI) relating to graphics processor technologies.	Consumer Electronics and PCs	65	US5977965, US5995655, US6061104, US6128775, US6151706, US6243068, US6301579, US6301704, US6314546, US6349398, US6359389, US6366270, US6448955, US6460049, US6476813, US6493603, US6529928, US6535190, US6545685, US6559826, US6571387, US6611249, US6650327, US6650337, US6651197, US6657607, US6681293, US6683979, US6686765, US6751636, US6819333, US6853387, US6885376, US6900818, US6924805, US7120906, US7136076, US7168049, US7212204, US7295212, US7358974, US7385614, US7405742, US7460126, US7518615, US7626569, US7634604, US7659907, US7830390, US7853648, US7868893, US7903121, US7913057, US7924287, US7925078, US8046404, US8046698, US8072456, US8117275, US8144158, US8179405, US8253734, US8314804, US8384707, US8610729	6816145, 6650327, 6657607
Nokia	Portfolio developed by Nokia relating to wireless receivers improvements (basestations and handsets), user interface features, handset features, and GPS receiver algorithms/designs.	Mobile Communications and Devices	57	US8873858, US6163708, US6230020, US6304170, US6309305, US6624484, US6661448, US6662004, US6735242, US6735243, US6804517, US6868331, US6882306, US6895044, US6917807, US6931159, US6942147, US6959020, US6970438, US6975886, US7124439, US7127632, US7174516, US7193528, US7197456, US7206577, US7221948,	Receivers (US5786782, US7227917, US6735242, US6959020, US7068710); UI Features (US7565604,

				US7227917, US7242731, US7280857, US7286592, US7305435, US7346771, US7350424, US7352896, US7433672, US7447258, US7463787, US7478322, US7478430, US7483702, US7496947, US7565158, US7565604, US7623230, US7633440, US7757150, US7809364, US7839915, US7852907, US7860150, US7966046, US8069030, US8072390, US8171362, US8391335, US8543814	US6309305, US6052581, US6975886) Handset Features (US7193528, US6230020, US6804517); GPS (US7706431, US6882306, US7633440)
Nextwave	Portfolio developed by Dr. Eric M. Dowling relating to SMS/MMS messaging, mobile media transmission, interchip interconnect, and mobile call switching techniques.	Mobile Communications and Devices	28	US6522688, US6597732, US6714536, US6901429, US6965914, US6985931, US7032009, US7035932, US7158566, US7173962, US7188185, US7197569, US7209946, US7228355, US7246149, US7277424, US7293061, US7293110, US7519132, US7581030, US7631105, US7721214, US7813333, US7813334, US7822865, US7856508, US8103745, US8451822	6714536; 7222154; 7188185; 7228355
Verisign, Inc.	Portfolio developed by Lightsurf Technologies (acquired by Verisign in 2005) relating to digital imaging and devices as well as webpage content customization.	Consumer Electronics and PCs	28	US6392657, US6654493, US6693647, US6744448, US6825876, US6847376, US6963668, US7154621, US7176976, US7177466, US7263495, US7339595, US7369161, US7372485, US7424459, US7664864, US7761678, US7839415, US7847833, US7860309, US7908221, US8082412, US8212893, US8250034, US8345060, US8564683, US8793450, US9075838	7176976 8564683 7908221
SGI MAID	Portfolio developed by Copan Systems (acquired by Silicon Graphics in 2010) relating to power management techniques for massive array of idle disks (MAID) and spin-down storage systems.	Networking	19	US7035972, US7145770, US7152142, US7181578, US7187543, US7210004, US7210005, US7222216, US7266668, US7330931, US7360010, US7373559, US7380060, US7434090, US7434097, US7484050, US7908526, US9098249, US9135474	7035972 7152142 7434097
Harris	Portfolio developed by Harris Corporation relating to PBXs and call centers.	Networking	18	US5999998, US6115766, US6249062, US6304650, US6310945, US6330328, US6333981, US6563922, US6567517, US6567518, US6570981, US6570982,	5,999,946 6,307,925 6,587,556 5,790,648

				US6577729, US6577730, US6587556, US6707904, US7321298, US7469047	
IBM	Portfolio developed by IBM relating to databases, data centers, storage, virtual computing, and techniques for encryption, watermarking, and content delivery.	Networking	17	US6490681, US6546427, US6571310, US6631413, US6631493, US6647480, US6766312, US6785398, US6907496, US6968432, US7130442, US7171398, US7203685, US7206387, US7254733, US7278016, US7382777	6064736 (Anomaly detection); et al
Rocksteady	Portfolio developed by Rocksteady Networks relating to network security and access control solutions including network access control (NAC), intrusion detection systems (IDS), identity-based quality of service (QoS), automatic VPN provisioning/connectivity, and hierarchical firewall rule sets.	Networking	16	US7509625, US7587512, US7610621, US7624438, US7665130, US8032933, US8108915, US8117639, US8224983, US8356336, US8381273, US8397282, US8429725, US8484695, US8543710, US8661153	7587512 8117639 8060607
Tower	Portfolio developed by Tower Semiconductor relating to CMOS and NVRAM design, manufacturing, reliability, and operation.	Semiconductors	15	US6108240, US6184594, US6295595, US6362508, US6456557, US6459620, US6466079, US6469929, US6590797, US6611456, US6703298, US6788576, US6871307, US6981188, US7339829	6,295,595; 6,878,981; 6,108,240, 6,788,576, 6,981,188
Galactic Computing	Portfolio developed by Galactic Computing and principal designer from Cray Research relating to cloud-hosted computing services.	E-Commerce and Software	13	US6452809, US6606253, US6816905, US6938256, US6985357, US7327563, US7693993, US7844513, US8302100, US8316131, US8429049, US8538843, US9432302	6816905; 8316131
Saxon	Portfolio developed by AMD and spun off under Legerity Inc. relating to voice, signaling, data, and radio frequency integrated circuits (ICs) for data and voice applications.	Semiconductors	11	US6160728, US6208517, US6219642, US6230007, US6246267, US6252428, US6343217, US6347297, US6418412, US6424274, US6711239	5,530,597
Fairchild	Portfolio developed by Fairchild and I-Cube (acquired in 2002) relating to crosspoint switches and network switch/router architectures. Focus claims relate to multiple port crosspoint switch ICs; additional patents relate to routing table caching, link aggregation load balancing, and ingress cell buffers.	Semiconductors	11	US5884101, US6151644, US6208644, US6212194, US6249528, US6356111, US6501761, US6507581, US6510138, US6636483, US6771162	6208644 6151644 6507581 5940596

GLink	Portfolio developed by G-Link Technology Corp. relating to DRAM and SRAM circuits.	Semiconductors	10	US5970020, US6031784, US6033945, US6275441, US6445641, US6496032, US6501670, US6529428, US6606272, US6765976	6031784; 5970020
SLT Logic	Portfolio developed by Terago Communications relating to packet flow classification, class-based policing, and quality-of-service (QoS) mechanisms.	Networking	10	US6901052, US6904057, US6944168, US7042848, US7151744, US7539195, US7688853, US7822048, US7835375, US7978606	7042848 7688853 6904057
AT&T Search Technologies	Portfolio developed by AT&T relating to search engines, website messaging, website content delivery, and pay TV program selection.	E-Commerce and Software	9	US6256627, US6457002, US6684239, US7216297, US7475341, US7620898, US8265256, US8561113, US9020904	6,167,397; 6,684,239; 6,021,426; 8,561,113
Video Identification Discoveries, LLC	Portfolio developed by Half Minute Media (UK targeted ad company) relating to automated content recognition and ad insertion.	Media Content and Distribution	9	US7694318, US7738704, US7809154, US7930714, US8073194, US8365216, US8374387, US8634652, US9147112	7,738,704.; 8,374,387; 8,634,652
Dilithium	Portfolio developed by Dilithium Networks Inc. relating to reducing call setup negotiation time for video telephony in 3G mobile networks.	Mobile Communications and Devices	8	US7139279, US7161949, US7206316, US7366192, US7388873, US7483441, US7920493, US8009686	7,388,873
AT&T PBX and Internet Misc.	Portfolio developed by Ameritech Corp. relating to conditional call forwarding and sequential call routing.	Mobile Communications and Devices	7	US6208854, US6705916, US7181201, US7454197, US8417230, US8594643, US9084100	US6208854, US7181201, US6108408 (exp)
IMEC WMA	Portfolio developed by IMEC relating to MIMO and beamforming techniques.	Mobile Communications and Devices	6	US6760300, US6937665, US7656961, US7873021, US7961809, US8219078	6937665, 7656961, 7961809
Fujitsu	Portfolio developed by Fujitsu relating to touch screen interfaces.	Mobile Communications and Devices	5	US6219036, US6374310, US7307643, US7308654, US7446751	6374310; 5839109
Pendrell Networking	Portfolio developed by the Electronics and Telecommunications and Research Institute (ETRI) relating to network security appliances and software for preventing distributed denial-of-service attacks.	Networking	5	US6636527, US7009988, US7164346, US7180910, US7200866	US7200866

SLT Logic Circuit	Portfolio developed by Terago Communications relating to graphical programming, network architecture, network data processing, and fault-tolerant systems. Focus claims disclose a graphical programming tool for generating optimized code and configuration settings for a target device (e.g., FPGAs, GUI based reconfigurable systems and network data/packet processing).	Semiconductors	5	US6671869, US7136397, US7821790, US7827442, US8189599	US6671869
Autonomic	Portfolio developed by Autonomic Networks Inc. relating to controlling power over Ethernet networks and addressing compatibility between different PoE implementations.	Networking	4	US7187268, US7221261, US7346786, US7761722	
Ceres	Portfolio developed by Adaptive Networks relating to VoIP services, broadband ISPs and cable modem equipment providers. Focus patents relate to network management of VoIP calls and signal noise compensation in cable modem data transmission.	Networking	4	US7149252, US7406094, US8014442, US8040966	5774526, 7149252
Nexsil	Portfolio developed by Nexsil Communications relating to networking systems that enable application-level offloading (such as SSL, web caching, content-aware switching, iSCSI, etc.).	Networking	4	US7191318, US7254696, US7596634, US7908464	7,596,634; 7,191,318
NSN NIM	Portfolio developed by Nokia relating to network appliances, wireless mesh networking, and data center equipment. Focus claims disclose telecom switch signal monitoring ('954), rebooting a server cluster ('645), adding a node to a wireless mesh network ('715), and cloning a	Networking	4	US6781954, US7076645, US7092715, US7587475	6,781,954; 7,076,645; 7,092,715; 7,587,475

	configuration of nodes in a cluster ('475).				
TEC Solutions	Portfolio developed by CrypTEC Systems, Inc. relating to SIM/smart card initialization, as well as features such as application loading, patching, and memory management.	Mobile Communications and Devices	4	US6256690, US6338435, US6390374, US6480935	6,390,374
Webs	Portfolio developed by WebOS, Inc. relating to web based or online application platforms such as those for delivering software-as-a-service (SaaS) using AJAX/Web 2.0 technologies.	E-Commerce and Software	4	US7155490, US8069220, US8255483, US8447832	7,155,490
NCR Network Management	Portfolio developed by NCR Corporation relating to network monitoring and infrastructure configuration management, and NMS/SNMP-based polling architectures.	Networking	3	US6466328, US7330838, US7376747	5710885, 5922051, 5915095, 6757850
Audiologic	Portfolio developed by Audiological Engineering Corp. relating to wireless and Bluetooth audio systems and speakers.	Consumer Electronics and PCs	3	US6397037, US6397037, US7672637	no good claims (7672637 C1)
Backweb	Portfolio developed by Backweb Technologies Ltd. relating to background downloading of files or information while preserving bandwidth for foreground activities.	E-Commerce and Software	3	US6374289, US7272782, US95/0005	6,317,789 C1; 6,539,429 C5
Cypress Semiconductor 2	Portfolio developed by Cypress Semiconductor Corp. relating to memory (e.g., SRAM, DRAM, NVM, FIFO) and clocking/clock management.	Semiconductors	3	US6326853, US6377128, US6670852	US5644533 US5656959 US5712820 US5805003 US6452927 US6515505 (all expired)
Fieldpoint	Portfolio developed by Fieldpoint Networks, Inc. relating to edge routers, firewalls, and VPN gateways that provide dynamic routing tables	Networking	3	US6751729, US7440452, US8520670	6751729 C17

	and encrypted communication tunnels.				
Greenliant 2	Portfolio developed by Greenliant Systems relating to SIM/smart card security and memory controllers.	Semiconductors	3	US7519754, US7979717, US8200281	7519754 C1
Netarx	Portfolio developed by Netarx Inc. relating to health monitoring for distributed networks.	Networking	3	US6560611, US7490066, US8473606	6560611
Seiko Instruments OLED	Portfolio developed by Seiko Instruments Inc. relating to proximity detection and electroluminescence.	Semiconductors	3	US7952272, US8106668, US8682949	
UpgradeDetect	Portfolio developed by Upgradedetect Inc. relating to automatically analyzing computer hardware configurations and recommending upgrades.	Consumer Electronics and PCs	3	US6711676, US7117355, US9009698	7117355
Active Data	Portfolio developed by Active Data Exchange Inc. relating to embedding content into authorized webpages.	E-Commerce and Software	2	US7814172, US8166522	
Avaya, Inc.	Portfolio developed by Nortel/Radvision relating to VoIP infrastructure and service provider solutions that provide call trunking capabilities and to network infrastructure utilizing programmable packet processors.	Networking	2	US6628653, US8654772	
C2 Comm	Portfolio developed by I-Link Inc. relating to call routing over VoIP and POTS.	Networking	2	US8295271, US8331353	
Chen	Portfolio developed by individual inventor relating to image-based search.	Mobile Communications and Devices	2	US7450960, US8145256	
Digital Display	Portfolio developed by Digital Display Innovations LLC relating to ambient and dimming LED lighting.	Consumer Electronics and PCs	2	US6340994, US6456340	
Flowfinity	Portfolio developed by Flowfinity Wireles Inc. relating to AJAX web interfaces.	Mobile Communications and Devices	2	US6990534, US7483977	

i2Go	Portfolio developed by i2Go.com Inc. relating to interactivity support non-interrupting the stream.	Media Content and Distribution	2	US7451177, US8090768	
IMEC Motion Estimation	Portfolio developed by IMEC VZW relating to managing power consumption during video encoding.	Consumer Electronics and PCs	2	US6690835, US6975769	
Internal Machines	Portfolio developed by Internal Machine Industries Inc. relating to an API for audience feedback.	Media Content and Distribution	2	US7650623, US8245268	
Khorram	Portfolio developed by Ramin Khorram relating to low bandwidth transmission techniques between a mobile device and a server.	Mobile Communications and Devices	2	US6985721, US7343152	
Quantum Semiconductor	Portfolio developed by Quantum Semiconductor LLC relating to imaging systems supporting multiple aspect ratios.	Consumer Electronics and PCs	2	US8233052, US8493451	
Vontoo	Portfolio developed by Vontoo LLC relating to custom voice communication based on user preferences.	E-Commerce and Software	2	US7949103, US8675846	
Aereo, Inc.	Portfolio developed by Aereo Inc. relating to digital rebroadcast of OTA transmission.	Media Content and Distribution	1	US9538253	
Bluebonnet	Portfolio developed by Siemens ROLM Communications Inc. relating to displaying phone features and requesting new phone features.	Mobile Communications and Devices	1	US6560274	
BT Call Center	Portfolio developed by British Telecommunications PLC relating to interactive voice response conversation hierarchy.	E-Commerce and Software	1	US7143040	
Contastic	Portfolio developed by Contastic Oy relating to real time webpage updates.	E-Commerce and Software	1	US7188178	
Craig W. Thompson	Portfolio developed by Object Services and Consulting, Inc. relating to an advertising search platform allowing users to search advertisements.	E-Commerce and Software	1	US7027975	

DSS	Portfolio developed by Open Security Solutions LLC relating to accessing encrypted digital data.	Media Content and Distribution	1	US6868495	
Entrust Password	Portfolio developed by Entrust Technologies Ltd relating to a real time password requirements checker.	E-Commerce and Software	1	US6643784	
Global Networks	Portfolio developed by Global Network Inc. relating to online advertising inventory management.	E-Commerce and Software	1	US6401075	
Gravic	Portfolio developed by ITI Ltd. (Government of India) relating to preventing "ping-pong" transactions between nodes in database replication.	E-Commerce and Software	1	US6122630	
Greenwich	Portfolio developed by Vaultus Inc. relating to masking characters during password entry.	Mobile Communications and Devices	1	US7114077	
MStack	Portfolio developed by David Stack relating to upload a database schem to a server and importing the schema into a database on the server.	E-Commerce and Software	1	US6636861	
Randall McBride	Portfolio developed by Randall McBride relating to a file encryption system capable of deleting key upon detecting a security violation.	E-Commerce and Software	1	US6292899	
RedCannon	Portfolio developed by Redcannon Security Inc. relating to PC security including network firewall, URL blocking, and intrusion detection.	Networking	1	US8595820	
Sheng Server Virtualization	Portfolio developed by Sheng Tai Tsao relating to coud server technology including virtualization, load balancing, centralized authentication, and other datacenter technologies.	Networking	1	US8645542	
Siemens Mobile	Portfolio developed by SBC Systems Inc. relating to locked security modes for telephony devices.	Mobile Communications and Devices	1	US6145083	

Sinisi	Portfolio developed by John Sinisi relating to form-based collection of video/images from a mobile device.	Mobile Communications and Devices	1	US7313759	
Smith	Portfolio developed by Elite Logistics Services, Inc. relating to wirelessly tracking remote devices.	E-Commerce and Software	1	US6701313	
SmithLee	Portfolio developed by Joseph Lee relating to extending mobile phone functionality to a peripheral device.	Mobile Communications and Devices	1	US8023892	
Strong Bear	Portfolio developed by Strong Bear LLC relating to detecting insertion or removal of media devices on a networked computer.	Consumer Electronics and PCs	1	US8478860	
Texas OCR	Portfolio developed by Claritech corp. relating to locating and highlighting search terms in a document image.	E-Commerce and Software	1	US6363179	
Trepp	Portfolio developed by Trepp LLC relating to single sign-on.	E-Commerce and Software	1	US8209541	
Vodafone	Portfolio developed by Vodafone relating to directional motion sensor technology for mobile devices.	Mobile Communications and Devices	1	US7469197	
Voicefill	Portfolio developed by Voice Tech Systems LLC relating to competing text forms through voice input.	E-Commerce and Software	1	US6738740	
Wirkle	Portfolio developed by Varun Khurana and Sunil Goyal relating to delivering content customized for a mobile device.	Mobile Communications and Devices	1	US7406329	