



Ohio Department of Development

INNOVATION OHIO LOAN FUND

Portfolio Companies

HEALTHCARE TRANSACTION PROCESSORS, INC. (HTP)

HTP develops and markets software products and services that fully support the administrative transaction management needs of the healthcare industry, which includes payers, providers, employers, administrators, and data interchange services. Transaction management refers to the process of sending and receiving electronic healthcare data both out of and into computerized systems, reformatting it based on complex national standard formats, and securely transmitting, tracking, and controlling it in all stages of the process.



Total Project Investment:	\$1,000,000
IOF Loan Amount:	\$ 750,000
Jobs Retained:	34
Jobs Created:	36
Project Location:	Columbus, Delaware County

The IOF financing will assist HTP in the acquisition of computer hardware, software, software development and intellectual property creation and protection costs.



BRANDMUSCLE, INC. (BMI)

BMI is an application service provider (ASP) providing end-to-end services to advertisers and their agencies related to production, coordination, and distribution of print advertising. Specific services offered include control of authorized advertising materials and copy, assembly of regional specific advertisements from prior approved copy, production of advertisements in formats consistent with local media outlets, distribution of advertisements, and archival record keeping. Their target customers are the advertising departments of mid-to large-sized firms selling products in multiple regional markets such as retailers and multi-branch service companies, franchise and dealer organizations, branded product manufacturers, and their advertising agencies.



Total Project Investment:	\$2,101,339
IOF Loan Amount:	\$1,576,004
Jobs Retained:	50
Jobs Created:	58
Project Location:	Beachwood, Cuyahoga County

The IOF financing will assist BMI in the acquisition of new computer equipment, and new software development.

CARDINALCOMMERCE CORPORATION (CARDINAL)

Cardinal (founded in 1999) offers software and application services provider (ASP) implementation for authenticating credit card financial transactions where the credit card is not present (CNP) such as with Internet purchases, telephone purchases, and catalogue sales. The company has two major platforms, Cardinal Centinel™ for merchants and Cardinal Payment Authentication Platform for Issuers (CPAPi) for issuing banks. These products and services help reduce the potential for fraud. Cardinal's two products are compliant with, and certified by, the authentication programs launched by VISA and MasterCard.



Cardinal's proposed project involves the development of a third platform called Cardinal MAX that is based on the growing trend of using mobile devices (cell phones and PDAs) to conduct financial transactions. Essentially Cardinal MAX will convert a mobile device into a mobile automated teller machine. Customers will be able to use their mobile devices to receive and pay bills, transfer money, access financial information, reload stored value cards such as VISA Buxx and Travel Cards, and add prepaid airtime to cell phones. The Cardinal MAX product is a major step toward providing authentication for all non-internet-based channels by bridging them to the Internet and the existing payment and authentication technologies.

Total Project Investment:	\$1,912,787
IOF Loan Amount:	\$1,425,000
Jobs Retained:	32
Jobs Created:	127
Project Location:	Mentor, Lake County

The IOF financing will assist Cardinal in the acquisition of new computer equipment and new software development.

ECNEXT, INC. (ECNEXT)

ECNext provides a turn-key platform for selling digital content on the web. ECNext's "Content Merchandising Platform" enables brick and mortar publishers to have web visibility through search engines to the general public shopping on the web. The ECNext service includes website development, search engine optimization, fulfillment and credit card processing. The ECNext platform results in additional revenue for publishers from information sold on the web.



Total Project Investment:	\$1,500,000
IOF Loan Amount:	\$1,125,000
Jobs Retained:	0
Jobs Created:	80
Project Location:	Westerville, Delaware County

The IOF financing will assist ECNext in the acquisition of new hardware and software to upgrade its existing informational technology infrastructure.



EXCERA MATERIALS GROUP, INC. (EXCERA)

Excera is a 10-year-old company that develops and manufacturers high performance ceramic/metal composite materials using its patented ONNEX process. The process was originally developed at the Ohio State University and is a method for processing ceramic-aluminum composite materials into various end products.

Several markets have been explored, including molten metal handling, automotive brake rotors and pads, mold and dies, and wear components; however, current emphasis is on armor for military applications. The armor for military applications includes armor for both individual soldiers and vehicles. The initial product Excera is taking to market is a ceramic tile used in Small Arm Protective Inserts (SAPI) for the military (the ceramic tile product has been validated by the military). The tiles manufactured by Excera are shipped to an integrator who applies an organic backing material, resulting in a component that meets established military ballistic protection specifications. These components can then be inserted into vests worn by foot soldiers. Excera also has the capability to manufacture larger armor components that can be used to protect military vehicles.



Total Project Investment:	\$1,285,500
IOF Loan Amount:	\$ 964,100
Jobs Retained:	13
Jobs Created:	56
Project Location:	Worthington, Franklin County

The IOF financing will assist Excera in the acquisition of new machinery and equipment and new software.



WESTERN DATACOM (WDC)

WDC founded in 1982 designs, develops and manufacturers hardware for transferring voice, video and data over the Internet on a secure basis. WDC has a working encryptor module with demonstrated effectiveness. WDC's proposed project involves the development of a wireless mesh-networking product that will incorporate their identity based encryption key management technology for securing the system. Mesh networks are easy to deploy and have distinct advantages over normal wireless "Wi Fi hot spots" because the network infrastructure is decentralized, avoiding a central point of failure and control.



Total Project Investment:	\$ 1,654,300
IOF Loan Amount:	\$ 1,160,000
Jobs Retained:	10
Jobs Created:	20
Project Location:	Cuyahoga, Cuyahoga County

The IOF financing will assist WDC in the development of new wireless mesh networking products.

ADVANCED BIOLOGICAL MARKETING, INC. (ABM)

ABM produces biological seed coatings for the commercial agriculture industry. These seed coatings use living organisms to coat the seed increasing nitrogen absorption and reducing growth of harmful fungus. ABM's products reduce the need for application of pesticides after germination, which results in a cost savings for the farmer and less runoff for the surrounding watersheds. ABM uses recently developed proprietary technology to encapsulate their biological products, giving their seed coatings a longer shelf life and higher quality than competitors.



Total Project Investment:	\$ 1,279,050
IOF Loan Amount:	\$ 959,290
Jobs Retained:	4
Jobs Created:	8
Project Location:	Van Wert, Van Wert County

The IOF financing will assist ABM with the construction of a manufacturing facility, acquisition of equipment, and intellectual property protection costs.

QUATECH, INC. (QUATECH)

QuaTech is a manufacturer of data communication products specializing in network connectivity. Network connection products are connection devices that can be plugged into standard expansion slots in handheld and notebook computers. These products allow users to connect their handheld and notebook computers to the Internet or to private networks via mobile phone services, or to communicate with other electronic devices such as desktop computers and printers.

The scope of QuaTech's proposed innovation project involves the acquisition a of wireless connectivity technology developed by DPAC Technologies Corporation (DPAC) which is headquartered in Garden Grove, California. This technology will enable QuaTech to enter the machine-to-machine (M2M) wireless connectivity market. The company will leverage its current serial interface product lines by integrating wireless connectivity products that will be the most advanced in the market.



Total Project Investment:	\$ 3,350,000
IOF Loan Amount:	\$ 2,500,000
Jobs Retained:	35
Jobs Created:	22
Project Location:	Hudson, Summit County

The IOF financing will assist QuaTech with the acquisition of a wireless connectivity technology.

MIDWEST MICRODEVICES LLC (MMD)

MMD was founded as a silicon-manufacturing foundry that manufactures Micro Electro-Mechanical Systems (MEMS) devices. MEMS are miniaturized devices that combine mechanical movements with electrical function in a single integrated, thin-film, and typically silicon device. MEMS devices are used in applications such as automotive airbag deployment and inkjet printers.

Total Project Investment:	\$ 948,920
IOF Loan Amount:	\$ 711,690
Jobs Created:	30
Project Location:	Toledo, Lucas County

The IOF financing will assist MMD with the acquisition of machinery and equipment



BEAMALLOY TECHNOLOGIES, LLC (BEAMALLOY)

Beamalloy was founded in 1984, acquired by Worthington Industries in 2000, and repurchased by its original founders in 2003. Its proprietary coating technology allows the deposition of performance coatings on engineered precision components and tooling made from all metals, ceramics and glass materials. Beamalloy's patented Ion Beam Enhanced Deposition (IBED) process has a number of attractive features and competitive advantages that circumvent many of the limitations of conventional coating processes.

Total Project Investment:	\$ 575,000
IOF Loan Amount:	\$ 488,750
Jobs Retained:	6
Jobs Created:	8
Project Location:	Plain City, Union County

The IOF financing will assist Beamalloy with the acquisition of machinery and equipment, process validation testing and intellectual property protection costs.

UNICONTROL INC. (UNICONTROL)

UniControl manufactures a wide range of products that prove, measure and control airflow. These products are used in commercial, industrial and residential HVAC applications. The project consists of the purchase of plans and prototype molds for a mechanical air switch containing an internal snap switch mechanism. Air switches (also called pressure switches) are used as safety devices to prove air flow in many HVAC applications including furnaces, gas fired hot water tanks and gas fired pool heaters.

Total Project Investment:	\$ 930,000
IOF Loan Amount:	\$ 697,500
Jobs Retained:	6
Jobs Created:	19
Project Location:	Cleveland, Cuyahoga County

The IOF financing will assist UniControl with the acquisition of machinery and equipment (including prototype molds) and engineering and intellectual property protection costs.



OVATION POLYMER TECHNOLOGY & ENGINEERED MATERIALS (OVATION POLYMERS)

Ovation Polymers was founded with the goal of being a premier innovator and marketer of high performance engineered plastic materials in North America. The company specializes in developing and commercializing new products in the areas of conductive polymers, nano-engineered materials, high temperature materials, barrier materials and enhanced surface modified weatherable compounds.



Total Project Investment:	\$1,540,150
IOF Loan Amount:	\$1,125,000
Jobs Created:	24
Project Location:	Medina, Medina County

The IOF financing will assist Ovation Polymers with the acquisition of testing and handling equipment, production equipment and engineering and intellectual property protection costs.



SCI ENGINEERED MATERIALS (SCI)

SCI Engineered Materials is a leader in the production of Source Materials for Photonic, Lithium Thin Film Batteries and other Physical Vapor Deposition applications. SCI produces high purity ceramic and metal targets for the Thin Film Industry. The company partners with customers to develop innovative material solutions. SCI also manufactures targets and powders used in the production of High-Temperature Superconducting Devices.



Total Project Investment:	\$ 842,250
IOF Loan Amount:	\$ 631,687
Jobs Created:	8
Project Location:	Columbus, Franklin County

The IOF financing will assist SCI in increasing its production capacity, allowing SCI to keep up with the growing demand from customers and also to enter new markets.

BLUESPRING SOFTWARE (BLUESPRING)

Bluespring Software is a business process management (BPM) technology provider. Their product, BPM Suite, helps businesses design, deploy, manage, and update a company's business processes. The BPM Suite enables companies to model and execute processes around enterprise applications, which increases efficiency and helps to enforce compliance with corporate standards.



Total Project Investment:	\$1,804,100
IOF Loan Amount:	\$1,353,075
Jobs Created:	35
Project Location:	Cincinnati, Hamilton County

The IOF financing will assist Bluespring in upgrading its software to stay current with Microsoft products.



AXIOMED SPINE CORPORATION (AXIOMED)

AxioMed was formed in 2001 to develop products for restoring native function to patients with degenerative spine disease; thus advancing the standard of care beyond fusion and first generation artificial discs and providing a low invasive surgical approach. The company's Freedom™ Lumbar Disc has been developed and clinical trials initiated. AxioMed is collaborating with and has the endorsement of influential spine surgeons from The Cleveland Clinic and other leading institutions.



Total Project Investment:	\$ 986,650
IOF Loan Amount:	\$ 789,320
Jobs Created:	14
Project Location:	Cleveland, Cuyahoga County

The IOF financing will assist AxioMed in moving much of its manufacturing operations from California by establishing a new manufacturing and research and development facility in Ohio.



CH MACK

CH Mack is a medical case management software provider that was founded in 1992 to automate care management across the continuum of care from hospital to home. CH Mack's fully integrated software solution for Care Management, Q Continuum System, provides increased productivity and quality of care by streamlining workflow, thus eliminating redundant data entry, and reducing time consuming paperwork. Workflow automation is achieved using the internet to perform health assessments, system generated care plans, service scheduling and delivery, outcomes tracking, billing and reimbursement. Q Continuum System is used extensively by leading healthcare and human services organizations nationwide.



Total Project Investment:	\$3,335,000
IOF Loan Amount:	\$2,501,250
Jobs Created:	70
Project Location:	Blue Ash, Hamilton County

The IOF financing will assist CH Mack in upgrading its software, allowing them to simplify their maintenance and support effort, improve application stability and save significant time and expense for CH Mack while the product will appeal to a larger market and be fully Health Insurance Portability and Accountability Act (HIPAA) compliant.





NINESIGMA

NineSigma enables organizations to amplify internal resources and capabilities by tapping a global network of innovators for new solutions, technologies, products, services and opportunities. Their global innovation sourcing solutions help accelerate top-line growth, reduce risk and lower cost by expanding the reach and capabilities of innovation management organizations and by improving your innovation management processes. NineSigma makes the matches between those that are looking for technology (clients) and those that can provide it (solution providers) using a web-based tool and a database of global solution providers, called Managed Exchange (M:X).

Total Project Investment:	\$ 1,074,500
IOF Loan Amount:	\$ 805,875
Jobs Created:	51
Project Location:	Beachwood, Cuyahoga County

The IOF financing will assist NineSigma in upgrading its M:X process for improving internal operations, client tools and solution provider tools.



NANOSTATICS

NanoStatics was founded in 2005 and has developed a Electrohydrodynamic Spinning (EHS) Coating Process that allows the forming of nanofibers of various polymers and inorganic materials in a continuous web in a highly controlled process at uniquely high production rates. This process can be used to produce products for applications including controlled adhesion, air/solid separation, weatherable substrates, surface release, liquid/solid separation, adsorption, surfaces with unique optical characteristics, printing characteristics, conductivity, controlled permeability, and durability. NanoStatics anticipates initially targeting the filtration and non-wovens markets.



Total Project Investment:	\$ 991,277
IOF Loan Amount:	\$ 740,250
Jobs Created:	29
Project Location:	Circleville, Pickaway County

The IOF financing will assist NanoStatics with scaling up its production capacity to six million square meters per year and optimize the technology, demonstrate the technology, develop commercial prototypes for customers and manufacture products for sale.

BESTTRANSPORT.COM

Founded in 1999, Best Transport provides web-based information services that enable shippers and carriers to plan and execute freight activities in a real time environment. The Best Transport Network provides visibility to a world of shipment and load options. Their BestShippers Transportation Management System (TMS) allows shippers to pay freight bills, optimize loads and execute advanced tendering rules, while BestCarriers is a state-of-the-art service that carriers use to quickly find and accept the right loads to better manage their assets.



Total Project Investment:	\$ 1,567,400
IOF Loan Amount:	\$ 783,700
Jobs Created:	40
Project Location:	Worthington, Franklin County

The IOF financing will assist Best Transport in purchasing computer hardware and the development of software in upgrading its Transportation Management System.

CONSTRUCTION SOFTWARE TECHNOLOGIES (CST)—iSqFt

CST was founded in 1993 and provides access services to internet construction plan rooms and private construction offices for general contractors and subcontractors via its iSqFt website. The internet plan rooms and construction offices streamline the distribution and communication process related to project bids, plans, specifications and addenda.



Total Project Investment:	\$ 2,940,000
IOF Loan Amount:	\$ 2,205,000
Jobs Created:	65
Project Location:	Blue Ash, Hamilton County

The IOF financing will assist CST with the development of software, improvements to its web architecture and the purchase of equipment in order to enable the company to maintain its market leadership position. The upgrades include the development of software to allow architects to upload blueprint documents directly to CST's iSqFt "Network." The project also involves the development of a new web architecture to better serve its customers and the purchase of computer equipment in order to support the company's rapid growth.