



The vendor's address, phone number, e-mails, and URL are in a separate table after the product information table.

Next issue: Knowledge Representation & Management, Expert Systems, Expert System Development Tools, Machine Learning, Logic and Reasoning Systems, Intelligent Tutors

Contact PC AI for a submission form at bg@pcai.com

Buyer's Guide

Fuzzy Logic, Fuzzy SQL, Intelligent Process Control, Neural Networks, Speech Recognition, Text Mining, Web Utilities

Special Note on System Requirements: When MS Windows appears, this assumes Win 95, 98, NT, ME, 2000, XP, A Pentium Processor, 32MB RAM and 32MB Disk space available unless stated otherwise.

Fuzzy Logic			
Product Company	Description	System Requirements	Price
FLINT LPA	Fuzzy Logic toolkit with support for various treatments of uncertainty including Bayesian Updating and Certainty Factors. Includes Fuzzy Editor and support for fuzzy rule matrices.	MS Windows	Contact Vendor
Fuzzy Logic Toolbox Version 2.2 The MathWorks, Inc.	Extends MATLAB computing environment. Contains tools for the design of fuzzy logic based systems. Supports many common fuzzy logic methods including fuzzy clustering and adaptive neurofuzzy learning. Includes special GUIs, membership functions, support for AND, OR, NOT logic within rules, standard Mamdani and Sugeno-type fuzzy inference systems, automated membership function shaping. Fuzzy inference systems designed with the toolbox can be embedded in a Simulink model and C code or stand-alone executable fuzzy inference engines can be generated.	Contact Vendor	Contact Vendor
fuzzyTECH Online Edition Inform Software Corporation	Includes all features of the fuzzyTECH Professional Edition. Generates systems which can be remotely optimized on-the-fly. Fuzzy logic system is designed, tested, and generated as C code on the PC. Then, the C code is implemented and started on the target hardware. Communicates bi-directionally with the implemented code on the target system at any time via a serial cable, a network file system, or another communication link. Includes the NeuroFuzzy Module and a distribution license for the fuzzyTECH Viewer, a monitoring-only version of fuzzyTECH that can be distributed with every runtime system generated by fuzzyTECH.	Contact Vendor	Contact Vendor
fuzzyTECH Professional Edition Inform Software Corporation	Universal fuzzy logic design system for all technical application areas. Generates portable C code that can be flexibly adapted to any target hardware and deploys fuzzy logic runtime systems as DLL/ActiveX modules. fuzzyTECH's code allows for use in real-time control systems. Supports advanced fuzzy logic inference methods (compensatory operators, fuzzy associative maps, s-shape membership functions, arbitrary membership functions, etc.), and is also compatible for complex fuzzy logic applications. Allows Online debugging with the PC-based runtime modules.	Contact Vendor	Contact Vendor
Mathematica Fuzzy Logic Version 2 Wolfram Research, Inc.	Set of tools for creating, modifying and visualizing fuzzy sets and systems. Provides examples to introduce users to fuzzy logic and to show how concepts can be applied. Includes a variety of membership functions, compositions and inferencing, standard and parameterized fuzzy aggregators, fuzzy operators, fuzzy logic control, fuzzy arithmetic and more.	Mathematica 5 or later, MS Windows, Mac OS X, Linux, or Unix	Contact Vendor

Fuzzy Logic			
Product Company	Description	System Requirements	Price
Visual Rule Studio Rule Machines Corp	Microsoft Visual Basic ActiveX Add-on that adds a rule designer and inference engine to Visual Basic. Production Rule Language (PRL) includes fuzzy relational operators allowing developers to create rich fuzzy logic applications. Rules are authored within a rules editor which is seamlessly incorporated into the Visual Basic development environment. Rules can be organized by rule sets, and are isolated from Visual Basic code, making the rule sets easier to build, verify, and maintain. Two sample fuzzy logic projects are included with the software.	MS Windows, VB 5.0 or 6.0	Contact Vendor

Fuzzy SQL			
Product Company	Description	System Requirements	Price
dtSearch Text Retrieval Engine dtSearch Corp.	Lets developers add dtSearch's text retrieval to applications. Over two dozen indexed, unindexed and fielded data search options. Hit-highlighted file displays (for PDF and HTML, with images and links). Built-in HTML converters for "Office," XML, ZIP and other popular file types. Supports SQL, XML, .NET, and much more. See website for downloadable evaluations.	2 versions: dtSearch Engine for Win & .NET and dtSearch Engine for Linux.	Contact Vendor
Fuzzy Query Sonalyts, Inc.	A database query and data analysis tool that uses fuzzy logic to better represent the underlying semantics of data analysis questions, and ODBC to provide connectivity to a wide range of existing data stores.	Windows 95/98/NT/2000	\$59

Intelligent Process Control			
Product Company	Description	System Requirements	Price
Advisor Enterprise BNH Expert Software Inc.	Decision support tool manages training budgets and resources. Provides analysis for effectiveness, cost and impact of each training activity. Data resides in a central database. Managers can determine required resources to run one or multiple training programs, map where the money is spent (salaries, travel, etc.), identify what worked and why, detect problem areas, assess the impact of alternate delivery options and potential risks, evaluate build versus buy decisions, and consider multiple "what if" scenarios.	Java script browser (IE 5.5 or Netscape 6.0) for navigation bar. 32 MB of RAM, 100 MB of disk space.	\$295 for single user 1 year subscription
Amzil Prolog + Logic Server Amzil inc	Enables the integration of intelligent components with conventional applications for the addition of business rule logicbases for process control, pricing, configuration, workflow, planning, and problem solving. Access a logicbase of rules like a database. The rules are expressed in Prolog. Encapsulated as a Java Class (JSP and Servlets), C/C++ Class, .NET Class (VB, C#), Delphi Component, and DLL/SO API. Add custom Prolog predicates in Java, C/C++, C#, VB or Delphi. New Eclipse IDE with source/remote debugger.	Contact Vendor	\$0-\$1499
Common Knowledge Object Connections Australia	Cross-platform system for automation and maintenance of business rules throughout the application lifecycle. Comprising two parts, a rules engine and a graphical rules design studio, the system provides developers with a means to design, document, implement, and maintain their applications' business rules and logic externally in the form of Decision Tables, Trees, and scripting languages including JS, VBS, Perl and Python. Rule-sets can be changed on-the-fly without recompiling the applications, and are language and platform-independent, ideal for process control and operator guidance software development. Contact vendor for pricing on the Professional Edition.	MS Windows, Linux/Unix/Solaris, 128 MB RAM, 25-50 MB disk. Microsoft IE V4+. Supported: VB, Delphi, MS .Net, WSH, Java etc.	Contact Vendor

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Web Utilities

Amzi! Prolog + Logic Server Amzi! inc	Enables the integration of intelligent components with conventional applications for the addition of business rule logicbases for process control, pricing, configuration, workflow, planning, and problem solving. Access a logicbase of rules like a database. The rules are expressed in Prolog. Encapsulated as a Java Class (JSP and Servlets), C/C++ Class, .NET Class (VB, C#), Delphi Component, and DLL/SO API. Add custom Prolog predicates in Java, C/C++, C#, VB or Delphi. New Eclipse IDE with source/remote debugger.	Contact Vendor	\$0-\$1499
Ask.Me OnLine Knowledge Broker, Inc.	Available 24-hours a day the Knowledge Library contains 50,000+ solutions to FAQ's about desktop applications, operating systems and the Internet. Search engine delivers instant answers. Reduce inbound call volume and add solutions to proprietary applications. Use as a resource for a help desk. If an answer is not found, go straight to eHelpMail. For a small fee, our technicians will research your problem and e-mail the answer within 24-hours. Available to individuals, businesses and OEMs.	Access to the Internet	Contact Vendor
dtSearch Web with Spider dtSearch Corp	Publishes content to a Web site for searching. Over a dozen indexed and fielded data search options. Highlights hits in HTML and PDF, while displaying links and images. Converts "Office," XML, ZIP, etc. files to HTML with highlighted hits. Built-in Spider can also expand searchable database to content on a third-party site. See website for evaluations, press reviews and case studies.	Runs on IIS-based Web sites. Linux version of dtSearch Text Retrieval Engine is also available.	Contact Vendor
Visual Rule Studio Rule Machines Corporation	Expert system development tool based on the Production Rule Language (PRL) and Inference Engines of LEVEL5 Object adds a rule designer and inference engine to Microsoft Visual Basic. ActiveX add-on allows developers to consolidate rules in rule sets in isolation of presentation and data connectivity code. Production Rule Language (PRL) used to define the rules contends with logic processing to write, verify, and maintain rules. Customized web based expert systems can be developed from within the Microsoft Visual Studio Integrated Development Environment (IDE). Rule sets can be reused for other web based applications as well as Microsoft Windows based systems. Inference engine can use backward chaining, forward chaining, or a combination of both.	MS Windows, VB 5.0 or 6.0	Contact Vendor

Vendor Address

Company	Address	Phone and Email	Web Address
U.S. Vendors			
Amzi! inc.	47 Redwood Road Asheville, NC 28804	828.350.0350 <i>info@amzi.com</i>	<i>www.amzi.com</i>
Alyuda Research, Inc.	1450 Frontero Ave. Los Altos, CA 94024	425.928.3570 <i>sales@alyuda.com</i>	<i>www.alyuda.com</i>
dtSearch Corp.	6852 Tulip Hill Terrace Bethesda, MD 20816	800.IT.FINDS <i>sales@dtsearch.com</i>	<i>www.dtsearch.com</i>
Gecko Systems, Inc.	1640B Highway 212, SW Conyers, GA 30094	678.413.9236 <i>info@geckosystems.com</i>	<i>www.geckosystems.com</i>
Inform Software Corporation	222 S Riverside Plz Ste 1410 Chicago, IL 60606	312.575.0578 <i>ioffice@informusa.com</i>	<i>www.fuzzytech.com</i>
ISYS Search Software	8775 E. Orchard Rd. #811 Englewood, CO 80111	800.992.4797 <i>info@isysusa.com</i>	<i>www.isysusa.com</i>
KnowledgeBroker, Inc.	PO Box 17097 Reno, NV 89521	626.441.0702 <i>sales@kbi.com</i>	<i>www.kbi.com</i>
Megaputer Intelligence, Inc.	120W, 7th Street, Suite 310 Bloomington, IN 47404	812.330.0110 <i>sales@megaputer.com</i>	<i>www.megaputer.com</i>
National Instruments	11500 N. Mopac Expwy Austin, TX 78759-3504	512.683.0100	<i>www.ni.com</i>

Vendor Address

Company	Address	Phone and Email	Web Address
U.S. Vendors			
NeuroDimension, Inc.	1800 N. Main Street, Suite D4 Gainesville, FL 32609	352-377-5144, 800-ND-IDEAS info@nd.com	www.nd.com
NeuralWare	230 East Main Street, Suite 200 Carnegie, PA 15106-2700	412.278.6288 sales@neuralware.com	www.neuralware.com
Promised Land Technologies	195 Church Street 11th Floor New Haven, CT 06510	203.562.7335 support@promland.com	www.promland.com
Rule Machines Corporation	51745 396th Ave. Frazee, MN 56544	218.334.3960 info@rulemachines.com	www.rulemachines.com
SAS Institute Inc.	100 SAS Campus Drive Cary, NC 27513-2414	919.677.8000	www.sas.com/index.html
Sensory, Inc.	1991 Russell Avenue Santa Clara, CA 95084-2035	408.327.9000 sensorysales@sensoryinc.com	www.sensoryinc.com
Sonalysts, Inc.	215 Parkway North Waterford, CT 06385	860.326.3772 fuzzyquery@sonalysts.com	www.sonalysts.com
Sprex	1210 NE 124th St Seattle, WA 98125	206.367.7741 info@sprex.com	http://sprex.com/index.php
SPSS Inc.	233 S. Wacker Drive, 11th Floor Chicago, IL 60606-6307	312.651.3000 sales@spss.com	www.spss.com
StatSoft, Inc.	2300 E. 14th St. Tulsa, OK 74104	918.749.1119 info@statsoft.com	www.statsoft.com
Text Analysis International, Inc.	1669-2 Hollenbeck Ave. # 501 Sunnyvale, CA 94087	408.746.9932 or 877.235.6259 info@textanalysis.com	www.textanalysis.com
The MathWorks, Inc.	3 Apple Hill Drive Natick, MA 01760-2098	508.647.7000	www.mathworks.com
The Modeling Agency	PO Box 7541 The Woodlands, TX 77387	936.321.2177 info@the-modeling-agency.com	www.the-modeling-agency.com
Ward Systems Group, Inc.	5 Hillcrest Drive Frederick, MD 21703	301.662.7950 sales@wardsystems.com	www.wardsystems.com
Wolfram Research, Inc.	100 Trade Center Drive Champaign, IL 61820-7237	217.398.0700 info@wolfram.com	www.wolfram.com
Canadian Vendors			
BNH Expert Software Inc.	4000 Steinberg Street St. Laurent, QC, H4R 2G7	514.745.4010 info@bnhexpertsoft.com	www.bnhexpertsoft.com
Universal Dynamics Technologies, Inc.	100-13700 International Place Richmond, BC, V6V 2X8	604.214.3456 info@brainwave.com	www.brainwave.com
Vendors Outside North America			
KDiscovery.com	31 Simei Street 4 #02-20 Republic of Singapore 529877	(65) 3442357 info@kDiscovery.com	www.kdiscovery.com
LPA	Studio 4, RVPB, Trinity Rd London England, SW18 3SX	+44.20887.12016 info@lpa.co.uk	www.lpa.co.uk
MacSpeech, Inc.	81 Buckland Street Chippendale N.S.W. 2008	(02) 9319 2288 info@macsense.com.au	www.macspeech.com; www.macsense.com.au
Magenta Technology	33 Glasshouse Street London W1B 5DG UK	44(0)2077436450 contact@magenta-technology.com	www.magenta-technology.com
Object Connections	PO Box 562 Wallsend, Australia, 2287	61249500577 info@objectconnections.com	www.objectconnections.com
TEMIS SA	193-197 rue de Bercy 75582 Paris Cedex, France	+33(0)140044670 info@temis-group.com	www.temis-group.com

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