IBM i2 Fraud Intelligence Analysis V1.0.5 adopts enterprise architecture to facilitate scalability and integration

At a glance

IBM® i2® Fraud Intelligence Analysis provides a collaborative investigation solution to support the investigation and documentation of fraud patterns. Fraud analysts can rapidly investigate suspicious activity, incorporating data from any internal or external source, and document their findings to assist in the prevention and prosecution of fraud.

Enhancements in this release include:

- Moves the offering to a service-oriented architecture to support enterprise deployments.
- Improves integration capabilities to support additional requirements of the fraud lifecycle.
- Offers federated, analyst-driven searches across multiple data sources that the customer accesses to complement currently supported data ingestion.

Overview

IBM i2 Fraud Intelligence Analysis provides critical insights to help investigate complex incidents, produce actionable visualization of critical people and events, and document results for repudiation and potential litigation. IBM i2 Fraud Intelligence Analysis takes a holistic approach to fraud investigation by providing distributed investigative, collaborative, analytic, and visualization capabilities to rapidly and visually represent fraud networks. This capability is provided in a variety of formats to support the investigation including temporal, geo-spatial, and social network analysis (SNA). Charts can be created to document the key targets in a fraud network.

With this release, data can be ingested in a number of ways including:

- Ad-hoc: Data may be simply included when required using a powerful and flexible importer.
- Automated to pre-configured data sources: Once the data ingestion has been configured, IBM i2 Fraud Intelligence Analysis can connect to a structured or unstructured data source to provide the analyst with direct access to data to support the investigation.
- Analyst-driven: Analysts can connect directly to disparate, distributed data sources, perform a single federated search, and bring relevant information back into IBM i2 Fraud Intelligence Analysis to support their investigation.

This flexible data approach, which may require some configuration depending upon the data source, helps enable the investigations team to respond to the time-critical requirements of fraud. By knowing how the fraud was perpetrated, internal IT and operational controls can be tightened to help disrupt and potentially prevent future fraud attacks.

This release moves IBM i2 Fraud Intelligence Analysis to a service-oriented architecture (SOA) to provide incremental advantages including:

- Integration with other IBM and customer solutions though a services bus to deliver a more holistic solution. Examples include fraud detection solutions, such as IBM SPSS® , and case management solutions, such as IBM Case Manager.
- Enterprise scalability and reliability to help ensure that IBM i2 Fraud Intelligence Analysis can accommodate future growth.

Further, this release recognizes the different roles and responsibilities involved in the investigation process and provides two user types that may be purchased according to requirements:

- The analyst (Premium) creates the visualization charts that document fraud using a rich desktop application.
- The investigator (Standard) accesses IBM i2 Fraud Intelligence Analysis to find, explore, and enrich the intelligence repository using a web browser.

Fraud processes can now be managed and monitored by exploiting the capabilities of the IBM Intelligent Operations Center. Departmental special investigation unit (SIU) role-based dashboards and key performance indicators (KPIs) can be used the help monitor investigation status and effectiveness. Investigation management processes and fraud response plans can be addressed using standard operating procedures to help improve operational effectiveness and compliance. Once configured, these capabilities may be used to help provide visibility and status of fraud investigations within the SIU.

For ordering, contact Your IBM representative or an IBM Business Partner. For more information contact the Americas Call Centers at 800-IBM-CALL (426-2255). Reference: SE001

Key prerequisites

IBM i2 Fraud Intelligence Analysis runs on the various hardware and software platforms detailed in the Specified operating environment section.

Planned availability date

- November 30, 2012: Electronic Delivery
- December 7, 2012: Physical Delivery

Description

The nature of fraud demands that detection, management and treatment fall within the governance, risk, and compliance functions of an organization. The differing, but interlinked, requirements of risk management, compliance, and internal and external investigation groups demand different views of fraudulent activity and, most importantly, proof to support decisions and actions.

IBM i2 Fraud Intelligence Analysis helps provide each of these functions with the ability to view appropriate elements of fraud patterns. It allows effective collaboration to help ensure that appropriate actions are taken to meet the needs of each department's responsibility for the management and treatment of fraud.

Extensibility and scalability

This release moves IBM i2 Fraud Intelligence Analysis to an architecture that supports integration with other IBM solutions to address the detection and management of fraud. This enhancement extends the investigative capabilities of IBM i2 Fraud Intelligence Analysis.

Data ingestion

This release improves the data ingestion capabilities of IBM i2 Fraud Intelligence Analysis. It allows analysts to perform federated semantic searches across multiple data sources to further improve investigation efficiency.

Analytics and visualization

IBM i2 Fraud Intelligence Analysis includes market-leading analytical tools to help provide rapid forensic investigation of abnormal and unexpected behavior. Vast quantities of data from unrelated sources are analyzed and visualized in a number of rich formats to support your investigation.

Collaboration and investigation

Fraud prevention requires intelligence and involvement from across your organization. IBM i2 Fraud Intelligence Analysis delivers an intuitive interface for stakeholders to contribute to, share, and analyze your investigation data, potentially leading to faster, more informed decision making.

Information dissemination

Dashboards can be created including rich text, images, tables, and statistical and graphical widgets. Timely and more secure delivery of information helps to ensure that relevant and accurate information to counter threat and raise internal awareness are available.

Our approach

IBM i2 Fraud Intelligence Analysis is:

- Quickly deployed - Rapid implementation provides the ability to obtain quick returns, typically within weeks.
- Flexible - Data can be left on existing servers, and investigative and briefing interfaces are delivered over a thin client.
- Extensible - It can be integrated with existing systems as well as other IBM solutions.

Additional, collaborative capabilities are also included through the IBM Intelligent Operations Center. For information about the IBM Intelligent Operations Center, refer to Refer to Software Announcement 212-250, dated July 3, 2012.

Product positioning

IBM i2 Fraud Intelligence Analysis can be used as a stand-alone fraud identification and analysis solution where currently there is either no, or only a manual, capability currently. It can also be deployed in conjunction with other IBM products to deliver against the entire fraud lifecycle, such as predictive analytics for fraud detection, business process rules, and case management, to support the management of fraud investigations. Finally, IBM i2 Fraud Intelligence Analysis can be used to complement existing commercial or in-house fraud detection system.

Unlike some competitive solutions, IBM i2 Fraud Intelligence Analysis can be deployed relatively quickly, providing rapid value for fraud teams and potentially reducing the need for ongoing professional services. Its open design approach also means that existing systems can usually be incorporated where desired. Integration

is also possible with other IBM solutions to help deliver comprehensive capabilities across the entire fraud lifecycle.

Reference information

For information on the IBM i2 Intelligence Analysis portfolio, refer to Software Announcement 212-441, dated November 20, 2012.

Program number

```
Program
number      VRM        Program name

5725-G23    1.0.5      IBM i2 Fraud Intelligence Analysis
```

Education support

The IBM Software Training team offers a portfolio of education services to help customers and IBM Business Partners successfully deploy IBM i2 Fraud Intelligence Analysis to help achieve the maximum benefit. Education is a key component to ensuring software success.

IBM curriculum provides a unique training value built on exclusive product knowledge direct from IBM developers cemented with expert instructors and flexible time and cost saving training options.

The IBM Software Training team works closely with product developers and services organizations to ensure that the courses we offer provide the most up-to-the-minute technical and product information. Our courses place an emphasis on the advanced knowledge and insight that only these sources can provide. IBM draws from a deep pool of technical experience in the development of our courses and passes that knowledge on to our students.

IBM Software Training provides training for the entire IBM software portfolio that spans the spectrum of skills needs from introductory product overviews to advanced offerings. Hands-on labs let you work with fully-functional versions of the software to round out your training experience. Several training options are available, including instructor-led classroom offerings, customized courses, and virtual (online) training that lets you train from your office.

For course descriptions, locations, and availability dates, visit

http://www.ibm.com/training/

Select "Training search - global" and search for " i2 Fraud Intelligence Analysis" or call 800-IBM-TEACH (800-426-8322).

Offering Information

Product information is available via the Offering Information website

http://www.ibm.com/common/ssi

Also, visit the Passport Advantage® website

http://www.ibm.com/software/passportadvantage

Publications

Product information is included with the product in the form of Adobe™ Acrobat PDF files.

Technical information

Specified operating environment

Hardware requirements

Recommended server hardware specification

Two servers are required to host read and write services.

- 2 GHz octa core processor per server
- 64 GB RAM per server
- RAID disk array per server

Recommended hardware specifications to support the Standard User role

- 2 GHz single core processor
- 512 MB RAM
- SXGA-capable graphics card (1024 x 768 high color (16-bit)) color monitor
- Mouse or track ball

Recommended hardware requirements to support the Premium User role

- 2 GHz quad core processor
- 4 GB RAM
- 1 GB (minimum) free disk space for installation
- SXGA-capable graphics card (1024 x 768 high color (16-bit)) and color monitor
- Mouse or track ball

Software requirements

Supported desktop operating systems

- Windows™ 7 Professional, Enterprise, or Ultimate x86 (32-bit) and x64 (64-bit)
- Windows Vista Business, Enterprise, or Ultimate x86 (32-bit) and x64 (64-bit) SP1 or later
- Windows XP Professional x86 (32-bit) and x64 (64-bit) SP3 or later

Supported server operating systems

- Windows Server 2008 R2 x64 (64-bit)
- Windows Server 2008 x86 (32-bit) and x64 (64-bit)
- Windows Server 2003 Standard or Enterprise x86 (32-bit) and x64 (64-bit) SP2 or later
- Windows Server 2003 R2 Standard or Enterprise x86 (32-bit) and x64 (64-bit) SP2 or later

Note: All server operating systems offer a thin client environment when Terminal Services are enabled.

Note: All server operating systems are also supported with Citrix Xen Application Server 5.0 or later.

Supported virtual machine environments

- Citrix XenServer 5.0 or later
- VMWare Workstation 6 or later
- VMWare ESX Server 3 or later
- Microsoft™ Hyper-V

Supported relational database management systems

- IBM DB2® 9.7
  - Workgroup Edition
  - Enterprise Server Edition
- Microsoft SQL Server 2008
  - Standard Edition
  - Enterprise Edition
  - Workgroup Edition
- Oracle 11g Release 2 -- Standard Edition

Supported web servers

IBM WebSphere® Application Server, Version 8.0.0.2 (base)

Supported Message-oriented middleware

WebSphere MQ V7.1

Supported web browsers

- Microsoft Internet Explorer 7, 8, and 9
- Mozilla Firefox 3.5, 3.6, 4 - 14
- Google Chrome 21

Additional requirements

- Microsoft .NET Framework 2.0 SP1 or .NET Framework 3.5, depending on the operating system
- Microsoft Windows Installer 4.5 if the installation system is running Windows Vista or Windows Server 2008
- Microsoft Silverlight 5 JDK

Note: Google Chrome Frame is required if running Microsoft Internet Explorer 7 and is recommended if running Microsoft Internet Explorer 8.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a README file, or other information published by IBM , such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express® . Product upgrades and technical support are provided by the Software Subscription and Support (Software Maintenance) offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with each program license acquired. The initial period of Software Subscription and Support (Software Maintenance) can be extended by the purchase of a renewal option, if available.

Packaging

IBM i2 Fraud Intelligence Analysis will be available in both ESD and packaged formats. Physical media is delivered on CDs or DVDs.

Media packs

Description	Part number	Product identifier
IBM i2 Fraud Intelligence Analysis V1.0.5 Windows English Media Pack	BF05NEN	5725-G23

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Security, auditability, and control

In addition to those supplied by the operating system, IBM i2 Fraud Intelligence Analysis offers additional security, audit, and control features as follows:

- Charts are saved in a dedicated data format that can only be displayed in IBM i2 Analyst's Notebook or IBM i2 Chart Reader
- Password and permission option on "Export to PDF" output
- Audit logs
- User logins
- Multidimensional security, wherein data access is controlled through the user's security classification, role, and operational unit
- Access control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

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Charge metric

Program name	PID number	Charge metric
IBM i2 Fraud Intelligence Analysis Premium	5725-G23	Per Concurrent User
IBM i2 Fraud Intelligence Analysis Standard	5725-G23	Per Concurrent User

Premium Users

Premium Users are those users who frequently interact with the advanced functions of the software program including (but not limited to) implementing business process changes, setting rules and thresholds, defining metrics and hierarchies thereof, and so on and therefore have access to all administrative and advanced functions. The Premium User component contains the program code, and therefore customers must purchase at least one Premium User before they can use the Standard Users entitlement.

Standard Users

Standard Users are those who do not need advanced capability access to the sophisticated functions of the software program. They are limited to certain functions as specified in the **User definitions** table. The system administrator needs to ensure that these restrictions are in place for Standard Users per the license terms of the software. Clients must purchase at least one Premium User before they can use the Standard User entitlement.

User definitions

Capability	Premium	Standard
User access		
Thin client access	X	X
Rich desktop client	X	
Visualization	X	
Complex analysis, including SNA and temporal charts	X	
Search and explore		
Intelligence Repository	X	X
Federated across multiple sources	X	
Alerts and notifications	X	X
Wizard-based data importer to support ad-hoc investigation	X	
Administrative functions	X	

Concurrent User

Concurrent User is a unit of measure by which the program can be licensed. A Concurrent User is a person who is accessing the program at any particular point in time. Regardless of whether the person is simultaneously accessing the program multiple times, the person counts only as a single Concurrent User. The program may be installed on any number of computers or servers, but licensee must obtain entitlements for the maximum number of Concurrent Users simultaneously accessing the program. Licensee must obtain an entitlement for each simultaneous Concurrent User accessing the program in any manner directly or indirectly (for example, via a multiplexing program, device, or application server) through any means.

Note: Some programs may be licensed where devices are considered users. In that case, the following applies. Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

Passport Advantage

IBM i2 Fraud Intelligence Analysis (5725-G23)

Program name and description	Part number
IBM i2 Fraud Intelligence Analysis Standard Concurrent User License + SW S&S 12 Months	D0WC8LL
IBM i2 Fraud Intelligence Analysis Standard Concurrent User SW S&S Reinstate 12 Months	D0WC9LL
IBM i2 Fraud Intelligence Analysis Standard Concurrent User Annual SW S&S Renewal	E0FXHLL

Note: With this release, the part numbers for IBM i2 Fraud Intelligence Analysis announced in Software Announcement 212-110, dated May 1, 2012, now apply to the Premium component.

Passport Advantage trade up

Below is a list of precursor products for which you must have already acquired a license in order to be eligible to acquire equivalent licenses using the trade-up part numbers.

From precursor product	To trade-up product	Trade-up part number
IBM i2 Analyst's Notebook	IBM i2 Fraud Intelligence Analysis Premium	D0PR9LL

Consult your IBM representative if you have any questions.

Passport Advantage customer: Media pack entitlement details

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

Note: With this release, these part numbers apply to the Premium component.

Entitled maintenance offering description	Part number
IBM i2 Fraud Intelligence Analysis Concurrent User License + SW Subscription & Support 12 Months	D0PISLL
IBM i2 Fraud Intelligence Analysis Concurrent User Annual SW Subscription & Support Reinstate 12 Months	D0PITLL

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IBM i2 Fraud Intelligence Analysis Concurrent User    E0DQZLL
    Annual SW Subscription & Support Renewal
    12 Months


                                                      Part
Media pack description                                number

IBM i2 Fraud Intelligence Analysis V1.0.5             BF05NEN
    Windows English Media Pack
```

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This software license includes Software Subscription and Support (also referred to as Software Maintenance).

These programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

License Information form number

```
Product                                    License
identifier    Product name                 Information ID

5725-G23      IBM i2 Fraud Intelligence Analysis    L-MSER-8YNK3G
              Premium
5725-G23      IBM i2 Fraud Intelligence Analysis    L-MSER-8YVNR6
              Standard
```

The program's License Information will be available for review on the IBM Software License Agreement website

   http://www.ibm.com/software/sla/sladb.nsf

Limited warranty applies

Yes

Limited warranty

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Money-back guarantee

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Volume orders (IVO)

No

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Yes, and through the Passport Advantage website at

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Software Subscription and Support applies

Yes. Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express . Product upgrades and Technical Support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

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No

Variable charges apply

No

Educational allowance available

Not applicable.

Statement of good security practices

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The Electronic Service Agent™ is no-additional-charge software that resides on your server. It monitors events and transmits system inventory information to IBM on a periodic, client-defined timetable. The Electronic Service Agent automatically reports hardware problems to IBM . Early knowledge about potential problems enables IBM to deliver proactive service that may result in higher system availability

and performance. In addition, information collected through the Service Agent is made available to IBM service support representatives when they help answer your questions or diagnose problems. Installation and use of IBM Electronic Service Agent for problem reporting enables IBM to provide better support and service for your IBM server.

To learn how Electronic Services can work for you, visit

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Prices

Passport Advantage

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Corrections

(Corrected on January 2, 2013)
The Ordering information section is revised.