



# IBM Intelligent City Planning and Operations V1.5 helps cities increase revenue by identifying unlicensed businesses

## Table of contents

<a href="#">1 Overview</a>	<a href="#">4 Publications</a>
<a href="#">2 Key prerequisites</a>	<a href="#">4 Technical information</a>
<a href="#">2 Planned availability date</a>	<a href="#">6 Ordering information</a>
<a href="#">2 Description</a>	<a href="#">8 Terms and conditions</a>
<a href="#">3 Product positioning</a>	<a href="#">10 Prices</a>
<a href="#">3 Program number</a>	

## At a glance

IBM® Intelligent City Planning and Operations V1.5:

- Helps cities reduce costs and increase revenue.
- Assists in identifying businesses that are operating without a license or with improper licenses so that cities can recover missed revenue.
- Allows a city to respond to suspected cases of improperly licensed business using standard operating procedures chosen by a city, which ensure a complete and consistent response to each incident.
- Allows a city to visualize facts of interest to the city, such as suspected cases of improperly licensed businesses on a geo-spatial map to consolidate responses and to make informed strategic decisions related to business permits.
- Allows city executives to configure the solution to monitor key facts, such as the results of efforts to reduce improperly licensed businesses, as key performance indicators, which provide a summary of the performance of key metrics related to improperly licensed businesses and with reports that provide a deeper understanding of the data.

## Overview

Cities and regional governments face the dual challenges of providing improved services to citizens and businesses while reducing the burden on citizens. Cities must ensure tax revenue is collected fairly and consistently. In addition, cities must ensure that services are provided to citizens with the least disruption to their daily lives. In the austere economic times facing many cities today, it is also crucial for agencies to reduce their internal operation costs.

IBM Intelligent City Planning and Operations V1.5 is designed to help cities reduce their costs by streamlining operations and planning processes. In addition, IBM Intelligent City Planning and Operations helps cities identify sources of missed revenue as well as unnecessary costs that cities can reclaim to improve their income.

With IBM Intelligent City Planning and Operations, city organizations can analyze data from multiple data sources in order to identify unlicensed businesses, which can help achieve the following benefits:

- Efficiently identify missed revenue associated with business license fees
- Effectively claim the ongoing revenue stream from business and sales tax

- Increase public safety by ensuring businesses receive appropriate oversight from the city

Whether a city is growing rapidly or struggling with budgetary restrictions, or both, the IBM Intelligent City Planning and Operation solution helps city governments optimize their business and citizen services.

---

## Key prerequisites

---

Refer to the [Technical information](#) section.

---

## Planned availability date

---

- January 30, 2013: Electronic delivery
- March 1, 2013: Physical delivery

---

## Description

---

IBM Intelligent City Planning and Operations V1.5 is designed to allow cities to visualize and review information concerning businesses from multiple data sources. This allows analysts to identify patterns that identify businesses operating in the city without the proper licensing. In addition, once patterns are identified, they may be saved and reused in future searches. IBM Intelligent City Planning and Operations V1.5 can then be configured to map the resulting incidences of improperly licensed businesses on a map of the city to assist investigators in identifying geo-spatial patterns of incidents allowing the city to prioritize resources needed to resolve the issues. The geo-spatial analysis also allows cities to properly target activities aimed at reducing improperly licensed businesses, such as advertising campaigns. Once a potential violation is identified, standard operating procedures will coordinate the resolution to ensure fair, consistent, and complete resolution. Finally, executive status views will allow city managers to monitor performance of efforts to resolve unlicensed business.

To support the analysis, data can be presented in a number of ways including:

- Ad-hoc: Data may be simply included when required using a powerful and flexible importer.
- Automated to preconfigured data sources: Once the data is 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.

Cities must provide expanding services to their citizens while reducing the burden they place on citizens in the form of taxes and process. IBM Intelligent City Planning and Operations helps cities to control costs and increase revenue by streamlining business operations, improving coordination across departments in the city, assisting with planning, and using business analytics to identify sources of missed revenue.

IBM Intelligent City Planning and Operations is designed to help cities identify unlicensed business in order to claim license and tax revenue, and to ensure businesses have proper oversight. The following features support this:

- Flexible data ingestion capabilities allow cities to draw on information from across multiple systems.
- Market-leading analytical tools 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 the city investigation.
- Executive dashboards provide summary views of important city facts, including key performance indicators that provide a summary view of performance and historic trends that support constant improvement.
- Display city information on a city map that allows city managers to coordinate responses as well as plan public information, education, and amnesty programs based on geographic patterns.
- Standard operating procedures chosen by a city allow a city to respond to incidents with a consistent set of steps ensuring equitable and complete resolution.
- Analytic tools, reports, and standard operating procedures work across departments to facilitate a coordinated collaborative investigation and resolution.

---

### **Accessibility by people with disabilities**

A U.S. Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

[http://www.ibm.com/able/product\\_accessibility/index.html](http://www.ibm.com/able/product_accessibility/index.html)

---

## **Product positioning**

IBM Intelligent City Planning and Operations V1.5 is just one of the IBM Smarter Cities® solutions designed to help make cities and government operate more effectively and efficiently -- essentially smarter. Intelligent City Planning and Operations focuses on enhancing the efficiency and effectiveness of the business operations in the city.

IBM offers a suite of Smarter Cities and government solutions that can help cities and government agencies:

- Integrate information from disparate, instrumented systems.
- Create an intelligent, interconnected environment that encourages collaboration.
- Enhance efficiencies.
- Foster effective decision making.

---

## **Reference information**

For information about IBM Intelligent Operations Center V1.5, refer to Software Announcement [212-250](#), dated July 03, 2012 .

---

## **Program number**

Program number	VRM	Program name
5725-K58	1.5	IBM Intelligent City Planning and Operations

---

## **Education support**

The IBM Software Training team offers a portfolio of education services to help you and IBM Business Partners successfully deploy IBM Intelligent Planning and

Operations offering to 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 and 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. 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, virtual (online) classes, and self-paced 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 "Intelligent City Operations and Planning", 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

---

No printed publications are shipped with this product.

---

## Technical information

---

### **Specified operating environment**

---

#### ***Hardware requirements***

#### **Server hardware requirements**

Each IBM Intelligent City Planning and Operations server must meet minimum hardware requirements. Each server must have an x86 64 bit (2 GHz or faster) processor including one of the following:

- AMD 64-bit processors
- Intel™ 64-bit processors, including Xeon EP and EX processors

Each IBM Intelligent City Planning and Operations server requires the processors, memory, and hard disk space as follows:

Number of servers	Number of processors	Memory	Hard disk
2 Red Hat Enterprise Linux™	4	24 GB	150 GB
2 Red Hat Enterprise Linux	4	16 GB	150 GB
2 Windows™	8	64 GB	RAID Disk array server
2 Red Hat Enterprise Linux	2	4 GB	150 G

The hard disk requirements listed previously are permanent requirements. An additional 100 GB of storage per server is required for installation of the product, except for the two servers with RAID disk arrays. The temporary install files can be deleted once the installation completes.

### **Desktop hardware requirements**

Recommended hardware specifications to support the Standard User role

- 2 GHz single core processor
- 512 MB RAM
- SXGA-capable graphics card (1,024 x 768 high color (16 bit)) color monitor

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 (1,024 x 768 high color (16 bit)) and color monitor

### **Software requirements**

#### **Supported server operating systems**

Servers identified with Red Hat Enterprise Linux have a minimum software requirement of 64 bit Red Hat Enterprise Linux 5 Update 5 on Intel or AMD platforms.

Servers identified with Windows support the following 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 Windows server operating systems offer a thin client environment when Terminal Services are enabled.

#### **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

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

---

### Packaging

IBM Intelligent City Planning and Operations V1.5 is available in both ESD and packaged formats.

Physical media is delivered on DVDs.

Description	Part number	Product identifier
IBM Intelligent City Planning and Operations V1.5 Linux English Media Pack	AF0CYEN	5725-K58

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

---

IBM Intelligent City Planning and Operations V1.5 uses the security and auditability features of the host operating system. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities. 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.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

<http://www.ibm.com/software/sw-services/>

---

## Ordering information

---

This product is only available via Passport Advantage . It is not available as shrinkwrap.

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software Value Plus.

For more information about IBM Software Value Plus, visit

[http://www.ibm.com/partnerworld/page/svp\\_authorized\\_portfolio](http://www.ibm.com/partnerworld/page/svp_authorized_portfolio)

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, visit

<http://www.ibm.com/partnerworld/wps/bplocator/>

Product group: Smarter Physical Infrastructure

Product identifier	Product identifier description
--------------------	--------------------------------

5725-K58	IBM Intelligent City Planning and Operations
----------	--

Product category: Smarter Cities

### **Charge metric**

Program name	Charge metric
IBM Intelligent City Planning and Operations	Concurrent User

### **Licensing metric definitions**

#### **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**

5725-K58: IBM Intelligent City Planning and Operations v1.5

Feature Program name/Description	Part number
IBM Intel City Plng and Ops Premium User ConcurUsr Lic + SW S&S 12 Mo	D0Y7JLL
IBM Intel City Plng and Ops Premium User ConcurUsr Annual SW S&S Rnw1	E0GUBLL
IBM Intel City Plng and Ops Premium User ConcurUsr SW S&S Reinstate 12 Mo	D0Y7KLL
IBM Intel City Plng and Ops Std User ConcurUser Lic + SW S&S 12 Mo	D0Y7FLL
IBM Intel City Plng and Ops Std User ConcurUser Annual SW S&S Rnw1	E0GU9LL
IBM Intel City Plng and Ops Std User ConcurUser SW S&S Reinstate 12 Mo	D0Y7GLL
IBM Intel City Plng and Ops Tax User ConcurUser Lic + SW S&S 12 Mo	D0Y7HLL
IBM Intel City Plng and Ops Tax User ConcurUser Annual SW S&S Rnw1	E0GUALL
IBM Intel City Plng and Ops Tax User ConcurUser SW S&S Reinstate 12 Mo	D0Y7ILL

---

## Terms and conditions

---

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

This product is only available via Passport Advantage . It is not available as shrinkwrap.

### **Licensing**

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use. Part number products only, offered outside of Passport Advantage , where applicable, are license only and do not include Software Maintenance.

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 identifier	Product name	License Instruction ID
5725-K58	IBM Intelligent City Planning and Operations Premium User v1.5.0	L-KSEL-92HUKD
5725-K58	IBM Intelligent City Planning and Operations Standard User v1.5.0	L-KSEL-92Y32Y
5725-K58	IBM Intelligent City Planning and Operations License and Tax Investigator v1.5.0	L-KSEL-92Y3AG

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**

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation

of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the IBM Software Support Handbook found at

<http://www.ibm.com/support/handbook>

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

### ***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.

### ***Other terms***

#### ***Volume orders (IVO)***

No

### ***IBM International Passport Advantage Agreement***

#### ***Passport Advantage applies***

Yes, and through the Passport Advantage website at

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

#### ***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.

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

While your Software Subscription and Support is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance via telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, 7 days a week. For additional details, consult your IBM Software Support Handbook at

<http://www.ibm.com/support/handbook>

Software Subscription and Support does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under the applicable agreements.

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, visit the Passport Advantage website at

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

***System i Software Maintenance applies***

No

***Variable charges apply***

No

***Educational allowance available***

Not applicable.

---

## **Statement of good security practices**

---

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered destroyed or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

---

## **Prices**

---

**Business Partner information**

If you are an IBM Business Partner -- Distributor for Workstation Software acquiring products from IBM , you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBM ID and password are required.

<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller>

**Passport Advantage**

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner for Software Value Plus. Additional information is also available at

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

**IBM Global Financing**

---

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large

enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

<http://www.ibm.com/financing>

IBM Global Financing offerings are provided through IBM Credit LLC in the United States, and other IBM subsidiaries and divisions worldwide to qualified commercial and government customers. Rates are based on a customer's credit rating, financing terms, offering type, equipment type, and options, and may vary by country. Other restrictions may apply. Rates and offerings are subject to change, extension, or withdrawal without notice.

For more financing information, visit

<http://www.ibm.com/financing>

### ***Trademarks***

IBM, i2, Smarter Cities, Passport Advantage and Express are registered trademarks of IBM Corporation in the United States, other countries, or both.

Intel is a trademark of Intel Corporation or its subsidiaries in the United States and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Windows is a trademark of Microsoft Corporation in the United States, other countries, or both.

Other company, product, and service names may be trademarks or service marks of others.

### ***Terms of use***

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Additional terms of use are located at

<http://www.ibm.com/legal/us/en/>

For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page

<http://www.ibm.com/planetwide/us/>