IBM SPSS Modeler Gold with Scoring Adapter for z Systems V17.0 brings the full breadth and depth of predictive analytics to the infrastructure built for the mobile generation and the new app economy

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At a glance

IBM (R) SPSS (R) provides a comprehensive predictive analytics platform for a holistic approach to predictive analytics optimized for IBM z Systems. z Systems family is built to support the mobile generation and the new app economy. z Systems family helps deliver improved response times, unprecedented performance, availability, and security protection. IBM SPSS Modeler Gold with Scoring Adapter for z Systems V17.0 provides the ability to analyze all data, structured and unstructured, and bring this new predictive intelligence to decisions made by individuals, groups, systems, and the enterprise itself.

With this release, SPSS Modeler Gold with Scoring Adapter for z Systems:

- Enables users to discover patterns and trends in structured, unstructured, and geospatial data, using a unique visual interface supported by statistical algorithms.
- Offers an extensive range of analytics to address a variety of business problems; uses analytics ranging from descriptive analytics to advanced algorithms, including automated modeling, text analytics, entity analytics, social network analysis, decision management, and optimization.
- Includes the ability to combine and optimize predictive scores and business rules to affect those decisions that can help increase revenues and customer loyalty; help to prevent threats, mitigate risk of fraud, or reduce cost.

Overview

IBM SPSS Modeler Gold with Scoring Adapter for z Systems V17.0 enables organizations to build and deploy predictive models that extend the value of their investment in a high performing infrastructure. It can help people or systems make the right decisions by combining and integrating predictive analytics, rules, scoring, and optimization techniques into an organization's processes, delivering recommended actions at the point of impact.

This release adds the following features and benefits:

- Additional analytical breadth supported by new algorithms
- Enhanced geospatial data preparation, visualization, and analysis techniques that widens the scope of application available
- Embeds analytics deeper into the enterprise with flexible deployment options

### Key prerequisites

Refer to the Software requirements section.

### Planned availability date

April 10, 2015

### Description

IBM SPSS Modeler Gold with Scoring Adapter for z Systems V17.0 is a comprehensive predictive analytics platform, designed to bring predictive intelligence to decisions made by individuals, groups, systems, and the enterprise. It offers a range of advanced algorithms and techniques, including text analytics, entity analytics, decision management, and optimization.

Highlights of this release include the following:

- New algorithms
- Geospatial analytics
- Deeper embedded analytics
- Flexible deployment

#### New algorithms

The broad capabilities of modeler continue to be refined to help analysts better leverage their organization’s data. This release includes new and improved techniques developed with big data needs in mind, such as a priori, association rules, a new spatio-temporal prediction engine, and a new scalable two-step clustering engine. All of this to better support scalable analytics for organizations looking for solutions to their big data challenges.

#### Geospatial analytics

Organizations are constantly looking for ways to make sense of their time and location data. In this release, SPSS Modeler Gold with Scoring Adapter for z Systems V17.0 introduces new geospatial analytics capabilities, which helps analysts in the areas of data preparation, visualization, and model accuracy. This allows organizations to leverage location data in a much more interactive and dynamic way than previously possible.

#### Deeper embedded analytics

The ability to deploy and embed analytics into enterprise applications is something that helps make IBM SPSS Modeler so powerful. SPSS Modeler Gold with Scoring Adapter for z Systems V17.0 helps organizations go beyond traditional data mining. With its broad range of analytics and deployment capabilities, SPSS Modeler Gold with Scoring Adapter for z Systems V17.0 can enable you to integrate analytic techniques into business systems so that organizations can do the following:

- Automatically prepare, cleanse, and transform data for the best possible analytics
- Use an array of prebuilt algorithms to visually and intuitively create predictive models
- Offer constraint-based optimization techniques
- Automate and apply scoring, and deploy and distribute scores across the enterprise
This release extends the in-database data mining capabilities to IBM DB2 for z/OS server. This allows users to minimize data movement and leverage the high performance infrastructure more effectively, all from within a graphical modeling user interface built with the business in mind. IBM DB2 Analytics Accelerator, an important component within this release, will run the data mining algorithms directly in the DB2 for z/OS environment.

**Value Unit-based pricing**

Value Unit pricing for eligible IBM z Systems IBM International Program License Agreement (IPLA) programs enables a lower cost of incremental growth and enterprise aggregation. Each z Systems IPLA product with Value Unit pricing has a single price per Value Unit and a conversion matrix, called Value Unit Exhibit, for converting from some designated measurement to Value Units. Most commonly, Millions of Service Units (MSUs) is the measurement designated by IBM to be converted to Value Units. Some other measurements are engines or messages. Since MSUs are the most common measurement, that measurement will be used for the remainder of this description.

Value Unit pricing offers price benefits for you. For each z Systems IPLA program with Value Unit pricing, the quantity of that program needed to satisfy applicable IBM terms and conditions is referred to as the required license capacity. Each of the various Value Unit Exhibits stipulate that the larger your required license capacity, the fewer Value Units per MSU you will need. Value Unit Exhibits are uniquely identified by a three digit code and referred to using the nomenclature VUExxx, where xxx is the three digit code.

Subsequent acquisitions of Value Unit priced programs offer additional price benefits. The quantity of each z Systems IPLA program that you have acquired is referred to as entitled license capacity. If you wish to grow your entitled license capacity for a z Systems IPLA program, the calculation to determine additional needed Value Units is based upon the number of Value Units already acquired.

For each z Systems IPLA program with Value Unit pricing, you should:

- Determine the required license capacity, in MSUs.
- Aggregate the MSUs across the enterprise.
- Convert the total MSUs to Value Units, using the applicable Value Unit Exhibit.
- Multiply the price per Value Unit by the total number of Value Units to determine the total cost.

To simplify conversion from the designated measurement to Value Units or vice-versa, use the Value Unit Converter Tool. For additional information or to obtain a copy of the Value Unit Converter Tool, visit the Value Unit Converter Tool website

http://www.ibm.com/zseries/swprice/vuctool

Note that Value Units of a given product cannot be exchanged, interchanged, or aggregated with Value Units of another product.

To determine the required license capacity for the z Systems IPLA program you selected, refer to the Terms and conditions section.

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**Program number**

<table>
<thead>
<tr>
<th>Program number</th>
<th>VRM</th>
<th>Program name</th>
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<tbody>
<tr>
<td>5655-SP7</td>
<td>17.0.0</td>
<td>IBM SPSS Modeler Gold with Scoring Adapter for z Systems</td>
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<tr>
<td>5655-AA7</td>
<td>1.1.0</td>
<td>IBM SPSS Modeler Gold with Scoring Adapter</td>
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</table>
Program number  |  VRM  |  Program name
----------------|------|----------------
                  |      | for z Systems Software Subscription and Support

### Product identification number

<table>
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<th>Program PID number</th>
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</tr>
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<tbody>
<tr>
<td>5655-SP7</td>
<td>5655-AA7</td>
</tr>
</tbody>
</table>

### Offering Information

Product information is available via the Offering Information website

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

### Publications

The IBM Publications Center

http://www.ibm.com/shop/publications/order

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. A large number of publications are available online in various file formats, and they can all be downloaded by all countries, free of charge.

### Services

**Global Technology Services**

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

### Technical information

#### Specified operating environment

**Hardware requirements**

For information on hardware requirements, refer to the website listed in the Software requirements section.

**Software requirements**

View the hardware and software requirements for IBM SPSS Modeler at

http://www-969.ibm.com/software/reports/compatibility/clarity/softwareReqsForProduct.html

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 SPSS Modeler Gold with Scoring Adapter for z Systems V17.0**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tr>
<td>License DVD</td>
<td>IBM SPSS Modeler Gold with Scoring Adapter for z Systems License 17.0 Multilingual</td>
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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 SPSS Modeler Gold with Scoring Adapter for z Systems V17.0 uses the security and auditability features of the system 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.

**Ordering information**

Consult your IBM representative.

<table>
<thead>
<tr>
<th>Program number</th>
<th>Program name</th>
<th>Value Unit Exhibit</th>
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</thead>
<tbody>
<tr>
<td>5655-SP7</td>
<td>IBM SPSS Modeler Gold with Scoring Adapter for z Systems</td>
<td>VUE007</td>
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**Value Unit exhibit VUE007**

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<td>1</td>
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<td>Tier C</td>
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<tr>
<td>Tier D</td>
<td>316</td>
<td>+</td>
<td>0.2</td>
</tr>
</tbody>
</table>

**Ordering example**

The total number of Value Units is calculated according to the following example.

If your required license capacity is 1,500 MSUs for your selected z Systems IPLA product, the applicable Value Units would be:

Translation from MSUs to Value Units

Base $3 \times 1.00 = 3.00$
Tier A  42  *  .45  =  18.90  
Tier B  130  *  .36  =  46.80  
Tier C  140  *  .27  =  37.80  
Tier D  1,185  *  .20  =  237.00  
Total  1,500  343.50  
When calculating the total number of Value Units, the sum is to be rounded up to the next integer.

Ordering z/OS through the Internet

ShopzSeries provides an easy way to plan and order your z/OS ServerPac or CBPDO. It will analyze your current installation, determine the correct product migration, and present your new configuration based on z/OS. Additional products can also be added to your order (including determination of whether all product requisites are satisfied). ShopzSeries is available in the US and several countries in Europe. In countries where ShopzSeries is not available yet, contact your IBM representative (or IBM Business Partner) to handle your order via the traditional IBM ordering process. For more details and availability, visit the ShopzSeries website at http://www.ibm.com/software/shopzseries

Charge metric

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<tr>
<th>Program name</th>
<th>PID number</th>
<th>Charge metric</th>
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<tbody>
<tr>
<td>IBM SPSS Modeler Gold with Scoring Adapter for z Systems</td>
<td>5655-SP7</td>
<td>Per Value Unit</td>
</tr>
<tr>
<td>IBM SPSS Modeler Gold with Scoring Adapter for z Systems Software Subscription and Support</td>
<td>5655-AA7</td>
<td>Per Value Unit</td>
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Basic license

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<td>Tier B</td>
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<td>Tier C</td>
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</tr>
<tr>
<td>Tier D</td>
<td>316+</td>
<td>0.2</td>
</tr>
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</table>

To order, specify the program product number and the appropriate license or charge option. Also, specify the desired distribution medium. To suppress shipment of media, select the license-only option in CFSW.

Program name: IBM SPSS Modeler Gold with Scoring Adapter for z Systems V17.0

Program PID: 5655-SP7

<table>
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<th>Entitlement identifier</th>
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<td>IBM SPSS Modeler Gold with Scoring Adapter for z Systems V17.0.0</td>
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Orderable supply ID: S017PM4

Language: English

Distribution medium: 3590

Subscription and Support PID: 5655-AA7

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<td>Basic MSC, per Value Unit</td>
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IBM Europe, Middle East, and Africa Software
Announcement ZP15-0147

IBM is a registered trademark of International Business Machines Corporation
Subscription and Support

To receive voice technical support via telephone and future releases and versions at no additional charge, Subscription and Support must be ordered. The capacity of Subscription and Support (Value Units) must be the same as the capacity ordered for the product licenses.

To order, specify the Subscription and Support program number (PID) referenced above and the appropriate license or charge option.

IBM is also providing Subscription and Support for these products via a separately purchased offering under the terms of the IBM International Agreement for Acquisition of Software Maintenance. This offering:

- Includes and extends the support services provided in the base support to include technical support via telephone.
- Entitles you to future releases and versions, at no additional charge. Note that you are not entitled to new products.

When Subscription and Support is ordered, the charges will automatically renew annually unless cancelled by you.

The combined effect of the IPLA license and the Agreement for Acquisition of Software Maintenance gives you rights and support services comparable to those under the traditional ICA S/390™ and System z license or its equivalent. To ensure that you continue to enjoy the level of support you are used to in the ICA business model, you must order both the license for the program and the support for the selected programs at the same Value Unit quantities.

Subscription and Support PID 5655-AA7, previously named IBM SPSS Modeler with Scoring Adapter for zEnterprise™, is now named IBM SPSS Modeler Gold with Scoring Adapter for z Systems.

Customized Offerings

Product deliverables are shipped only via CBPDO, ServerPac, SystemPac, FunctionPac, and ProductPac™.

All of these customized offerings are offered for Internet delivery in countries where Shopz product ordering is available. Internet delivery reduces software delivery time and allows you to install software without the need to handle tapes. For more details on Internet delivery, refer to the Shopz help information at http://www.software.ibm.com/ShopzSeries

You choose the delivery method when you order the software. IBM recommends Internet delivery. In addition to Internet and DVD, the supported tape delivery options include:

- 3590
- 3592

Most products can be ordered in ServerPac, SystemPac, FunctionPac, and ProductPac the month following their availability in CBPDO. z/OS™ can be ordered via CBPDO, ServerPac, and SystemPac at general availability. Many products will also be
orderable in a Product ServerPac without also having to order the z/OS operating system or subsystem. Shopz and CFS W will determine the eligibility based on product requisite checking. For more details on the product ServerPac, visit the Help section on the Shopz website at

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

For additional information on the Product ServerPac option, refer to Software Announcement ZP12-0358, dated July 7, 2012.

Production of software product orders will begin on the planned general availability date.

- CBPDO shipments will begin one week after general availability.
- ServerPac shipments will begin two weeks after general availability.
- SystemPac, FunctionPac and ProductPac shipments will begin four weeks after general availability due to additional customization, and data input verification.

### 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.

### 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.

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

### Agreement for Acquisition of Software Maintenance

The following agreement applies for Software Subscription and Support (Software Maintenance) and does not require customer signatures:

- IBM Agreement for Acquisition of Software Maintenance (Z125-6011)

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. 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. IBM System z Operational Support Services - SoftwareXcel is an option if you desire added services.

### License Information number

L-JKAN-9QRT87.

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

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).

Program support

Enhanced support, called Subscription and Support, includes telephone assistance, as well as access to updates, releases, and versions of the program as long as support is in effect. You will be notified of discontinuance of support with 12 months' notice.

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 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

Passport Advantage applies

No

Software Subscription and Support applies

Yes. All distributed software licenses include Software Subscription and Support (also referred to as Software Maintenance) for a period of 12 months from the date of acquisition, providing a streamlined way to acquire IBM software and assure technical support coverage for all licenses. Extending coverage for a total of three years from date of acquisition may be elected.

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, every day of the year. 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 this agreement.

For more information about the Passport Advantage® Agreement, visit the Passport Advantage website at

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

IBM Operational Support Services - Support Line

No

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Yes. When ordering through the program number process, a 15% education allowance applies to qualified education institution customers.

Education Software Allowance Program applies when ordering through the program number process.

ESAP available

Yes, to qualified customers.

Sub-capacity terms and conditions

For each System z IPLA program with Value Unit pricing, the quantity of that program needed to satisfy applicable IBM terms and conditions is referred to as the required license capacity. Your required license capacity is based upon the following factors:

- The System z IPLA program you select
- The applicable Value Unit Exhibit
- The applicable terms
- Whether your current mainframes are full capacity or sub-capacity

For more information on the Value Unit Exhibit for the System z IPLA program you selected, refer to the Ordering information section.

<table>
<thead>
<tr>
<th>Program number</th>
<th>Program name</th>
<th>Terms</th>
<th>Parent, if applicable</th>
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<td>IBM SPSS Modeler Gold with Scoring Adapter for z Systems V17.0</td>
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Full-capacity mainframes
In cases where full capacity is applicable, the following terms apply.

Execution based, z/OS based, full machine based: The required capacity of a System z IPLA program with these terms equals the MSU-rated capacity of the machines where the System z IPLA program executes.

For more information on mainframe MSU-rated capacities, visit http://www.ibm.com/systems/z/resources/swprice/reference/exhibits/

Reference based: The required license capacity of a System z IPLA program with these terms equals the license capacity of the applicable monthly license charge (MLC) program. This MLC program is called the parent program.

### Sub-capacity mainframes

In cases where sub-capacity is applicable, the following terms apply.

Execution based: The required capacity of a System z IPLA sub-capacity program with these terms equals the capacity of the LPARs where the System z IPLA program executes.

z/OS based: The required license capacity of a System z IPLA program with these terms equals the license capacity of z/OS on the machines where the System z IPLA program executes.

Reference based: The required license capacity of a System z IPLA program with these terms equals the license capacity of the applicable monthly license charge (MLC) program. This MLC program is called the parent program.

Full machine based: The required license capacity of a System z IPLA program with full machine based terms equals the MSU-rated capacity of the machines where the System z IPLA program executes.

For more information on mainframe MSU-rated capacities, refer to The IBM System z Machines Exhibit, Z125-3901, or visit the Mainframes section of the System z Exhibits website.


For additional information for products with reference-based terms, System z IPLA sub-capacity programs with reference-based terms adds value to the parent program across the environment, regardless of where in the environment the System z IPLA program executes.

An environment is defined as either a single or stand-alone machine or a qualified Parallel Sysplex®. You may have one or more different environments across the enterprise. To determine the required license capacity for each System z IPLA program with referenced-based terms, each environment should be assessed separately.

When a System z IPLA sub-capacity program with reference-based terms is used in a qualified Parallel Sysplex environment, the required license capacity of the System z IPLA program must equal with the license capacity of the parent program across the Parallel Sysplex. Qualified Parallel Sysplex refers to one:

- Where MLC pricing is aggregated across the sysplex.

### Sub-capacity eligibility

To be eligible for sub-capacity charging on select System z IPLA programs, you must first implement and comply with all terms of either sub-capacity Workload License Charges (WLC) or sub-capacity Entry Workload License Charges (EWLC). To implement sub-capacity WLC or EWLC, a machine must be System z (or equivalent). On that machine:
All instances of the OS/390(R) operating system must be migrated to the z/OS operating systems.

Any licenses for the OS/390 operating system must be discontinued.

All instances of the z/OS operating systems must be running in z/Architecture(R) (64-bit) mode.

For that machine, you must create and submit a Sub-Capacity Report to IBM each month. Sub-Capacity Reports must be generated using the Sub-Capacity Reporting Tool (SCRT). For additional information or to obtain a copy of SCRT, visit the System z Software Pricing website:

http://www.ibm.com/systems/z/resources/swprice/

You must comply with all of the terms of the WLC or EWLC offering, whichever is applicable:

- The complete terms and conditions of sub-capacity WLC are defined in the IBM Customer Agreement - Attachment for System z Workload License Charges(Z125-6516).
- The complete terms and conditions for sub-capacity EWLC are defined in the IBM Customer Agreement - Attachment for EWLC, TWLC, zELC, and z/OS.e License Charges(Z125-6587).

Additionally, you must sign and comply with the terms and conditions specified in the amendment to the IPLA contract - Amendment for Amendment for IBM System z Programs Sub-Capacity Pricing(Z125-6929). Once the amendment is signed, the terms in the amendment replace any and all previous System z IPLA sub-capacity terms and conditions.

**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**

For all local charges, contact your IBM representative.

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