



IBM AIX Solution Editions for the Power 710, 720, 730, and 740 servers

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At a glance

The IBM® AIX® Solution Editions are a new offering designed to help you take advantage of the combined experience and expertise of IBM and independent software vendors (ISVs) in building business value with your IT investments. When you purchase a new Power® 710, 720, 730, or 740 system and make a qualifying new purchase of an eligible solution from a participating ISV, you can order the AIX Solution Edition to receive special pricing. With a qualified order for an AIX Standard Edition, you are eligible to receive half of the processor activations at no charge and reduced prices on the AIX Standard Edition licenses purchased for that system at the initial time of purchase.

The AIX Solution Editions provide a minimum base configuration. Additional features and products can be added as required.

Overview

In this new smarter computing era for business and IT, forward-thinking companies consider more than server performance, existing skills, and ease of management when choosing a platform for new application workloads. They also evaluate how well the platform will help them achieve three core business objectives: delivering services faster, with higher quality and superior economics. By implementing smarter computing projects on an IBM Power Systems™ platform, businesses can outpace their competitors by delivering services faster. They can differentiate their offerings from the competition by delivering higher quality services. And they can turn operational cost into investment opportunity by delivering services with superior economics. The new AIX Solution Editions of the Power 710, 720, 730, and 740 provide an even more effective way of implementing a business and/or analytics solution from one of IBM's partnering ISVs.

Deliver services faster

A key measure of performance for IT today is around agility and the ability of IT to help the business gain a competitive edge and capitalize on emerging opportunities. Businesses need to simplify and integrate their IT infrastructure to deliver services faster.

The IBM Power 710, 720, 730, and 740 systems are teamed with selected ISV solutions or Cognos® BI analytics software to feature deep integration and optimization across AIX, databases, analytics, and middleware for simpler and more flexible service delivery. Choosing the model and modules that fit the business needs, optimized with PowerVM™ virtualization for rapid provisioning, clients can

speed the delivery and deployment of the new solutions and processes to support their strategic business initiatives.

Deliver services with higher quality

Today's IT departments are also measured on their ability to provide an infrastructure that can address demands for increased application service levels while at the same time balancing rapid change with managing business risk. Businesses need an integrated approach to managing security, resiliency, business risk, and new business opportunities to deliver higher-quality services. The IBM Power 710, 720, 730, and 740 models provide a highly secure and resilient infrastructure foundation for smarter computing. Teamed with ISV solutions that have been specially selected for their integration with Power Systems and IBM middleware products, and with Cognos BI to provide rapid operational business analytics with reporting, dashboarding, scorecarding, and cubing capabilities, the AIX Solution Editions provide a very solid foundation for meeting business requirements now and in the future.

Deliver services with superior economics

IT performance today is also measured on its ability to maintain existing services and deliver services within tight budget constraints. In order to do more with less, businesses need to deliver services with superior economics. The AIX Solution Editions package all the value that the Power Express® models, AIX operating system, and PowerVM have been known for, and offer the additional savings of half of the processor activations available at no charge, and reduced prices on AIX Standard Edition core licenses. Coupled with one of the specially selected ISV offerings or the Cognos BI offering, they can economically provide an outstanding business solution.

Key prerequisites

- Power 710, Power 720, Power 730, or Power 740 model (8231-E1C, 8202-E4C, 8231-E2C, 8205-E6C)
- Minimum memory requirement (varies by model and processor)
- Minimum storage requirement to two hard disk drives, or two solid state drives, or two Fibre Channel controllers to attach to IBM Storwize® V7000
- New AIX Standard Edition or AIX Enterprise Edition licenses
- PowerVM Standard Edition or PowerVM Enterprise Edition
- Purchase of a new license of an eligible ISV solution

Additional information and the list of eligible ISV solutions can be found at

<http://www.ibm.com/systems/power/hardware/solutioneditions/aix/index.html>

Planned availability date

May 4, 2012

Description

IBM Power 710 AIX Solution Edition

If you order an IBM Power 710 AIX Solution Edition server as defined below, you can qualify for half of the initial configuration's processor core activations at no additional charges, and reduced charges for AIX Standard Edition license activations.

The IBM AIX Solution Editions are designed to help you take advantage of the combined experience and expertise of IBM and ISVs in building business value with your IT investments. A qualifying purchase of software for an eligible solution from a participating ISV is required when purchasing an IBM AIX Solution Edition.

The Power 710 AIX Solution Edition supports 4-core, 6-core, and 8-core configurations. For a list of participating ISVs and their eligible solutions, registration form, and additional details, visit the Solution Edition website at

<http://www.ibm.com/systems/power/hardware/solutioneditions/aix/index.html>

The Power 710 AIX Solution Edition includes no-charge and reduced-charge features, resulting in a lower initial list price for qualifying clients.

The requirements to be eligible to place a Power 710 AIX Solution Edition order are:

- The solution must include new licenses of AIX for the qualifying IBM server.
- The solution must meet the minimum memory and storage requirements as defined below.
- The solution must include PowerVM Standard Edition or PowerVM Enterprise Edition.
- The offering must include new or upgrade software licenses of an eligible solution from the participating ISV for the qualifying IBM server.
- Proof of purchase of the solution with a participating ISV must be provided to IBM on request. The proof must be dated within 90 days before or after the date of order of the qualifying server.

IBM Power 710 AIX Solution Edition minimum memory definition details:

A minimum of 1 GB memory per core on the 4-core Power 710 and 2 GB memory per core on the 6-core and 8-core Power 710 is needed to qualify for the IBM AIX Solution Edition. There can be different valid memory configurations that meet the minimum requirement.

Edition Minimum Disk/SSD/Fibre Channel/FCoE Definition Details:

The order must meet one of these HDD/SSD/FC/FCoE criteria. Partial criteria cannot be combined.

- A minimum of two HDDs or two SSDs.
 - Two SAS HDDs -- Any capacity drives located in the system unit, 5886 DASD drawer, or feature 5887 DASD drawer qualify.
 - Two SAS SSDs -- Any capacity drives located in the system unit, feature 5802 drawer, feature 5886 DASD drawer, feature 5887 DASD drawer, or 5888 SSD drawer qualify.
 - Two SSD Modules with eMLC (#1995/#1996) -- Modules located in the system unit with feature 2053 qualify.

or

- A minimum of two Fibre Channel adapters, or two FCoE adapters for attachment of a Storwize V7000 Storage System.
 - Two Fibre Channel PCIe adapters
 - Two Fibre Channel over Ethernet PCIe adapters

These sample configurations can be changed as needed and still qualify as an IBM Power 710 AIX Solution Edition, as long as the minimum configuration requirements are met.

Sample Hardware Configuration

Description	Feature number
Power 710 Solution Edition for AIX	1 x ELB6
Storage Backplane for 2.5-inch Drives/SATA DVD/Tape	1 x E30E
4 GB (2 x 2 GB) Memory	1 x EM04
1 x 4-core 3.0 GHz POWER7® Processor Module	1 x EPC1
2 Processor Activations	2 x EPD1
2 Zero-priced Processor Activations	2 x EPE1
AIX Partition Specify	1 x 0265
2 146.8 GB 15k SFF HDDs	2 x 1886
Primary Operating System Indicator - IBM AIX	1 x 2146
Serial Port Converter Cable	1 x 3930
Rack Indicator - Not Factory Integrated	1 x 4650
Software Preload Required	1 x 5000
PowerVM Standard Edition - per core	4 x 5227
Power Supply, 1725 Watt AC	1 x 5603
SATA Slimline DVD-RAM Drive	1 x 5762
One Power Cord	1 x 6671
2-Port 10/100/1000 Base-TX Ethernet PCI Express Adapter	1 x 9056
Language Group Specify	1 x 9300
New AIX License Core Counter	4 x 9440

IBM Power 720 AIX Solution Edition

If you order an IBM Power 720 AIX Solution Edition server as defined below, you can qualify for half of the initial configuration's processor core activations at no additional charge, and reduced charges for AIX Standard Edition license activations.

The IBM AIX Solution Editions are designed to help you take advantage of the combined experience and expertise of IBM and ISVs in building business value with your IT investments. A qualifying purchase of software for an eligible solution from a participating ISV is required when purchasing an IBM AIX Solution Edition.

The Power 720 AIX Solution Edition supports 4-core, 6-core, and 8-core configurations. For a list of participating ISVs and their eligible solutions, registration form, and additional details, visit the Solution Edition website at

<http://www.ibm.com/systems/power/hardware/solutioneditions/aix/index.html>

The Power 720 AIX Solution Edition includes no-charge and reduced-charge features, resulting in a lower initial list price for qualifying clients.

The requirements to be eligible to place a Power 720 AIX Solution Edition order are:

- The solution must include new licenses of AIX for the qualifying IBM server.
- The solution must meet the minimum memory and storage requirements as defined below.
- The solution must include PowerVM Standard Edition or PowerVM Enterprise Edition.
- The offering must include new or upgrade software licenses of an eligible solution from the participating ISV for the qualifying IBM server.
- Proof of purchase of the solution with a participating ISV must be provided to IBM on request. The proof must be dated within 90 days before or after the date of order of the qualifying server.

IBM Power 720 AIX Solution Edition minimum memory definition details:

A minimum of 2 GB memory per core on the Power 720 is needed to qualify for the IBM AIX Solution Edition. There can be different valid memory configurations that meet the minimum requirement.

Edition Minimum Disk/SSD/Fibre Channel/FCoE Definition Details:

The order must meet one of these HDD/SSD/FC/FCoE criteria. Partial criteria cannot be combined.

- A minimum of two HDDs or two SSDs.
 - Two SAS HDDs -- Any capacity drives located in the system unit, feature 5802 drawer, feature 5886 DASD drawer, or feature 5887 DASD drawer qualify.
 - Two SAS SSDs -- Any capacity drives located in the system unit, feature 5886 DASD drawer, feature 5887 DASD drawer, or 5888 SSD drawer qualify.
 - Two SSD Modules with eMLC (#1995/#1996) -- Modules located in the system unit with feature 2053 qualify.

or

- A minimum of two Fibre Channel adapters, or two FCoE adapters for attachment of a Storwize V7000 Storage System.
 - Two Fibre Channel PCIe adapters located in the system unit.
 - Two Fibre Channel over Ethernet PCIe adapters located in the system unit.

These sample configurations can be changed as needed and still qualify as an IBM Power 720 AIX Solution Edition as long as the minimum configuration requirements are met.

Sample Hardware Configuration

Description	Feature number
Power 720 Solution Edition for AIX	1 x ELB8
Storage Backplane for 2.5-inch Drives/SATA DVD/Tape	1 x 5618
8 GB (2 x 4 GB) Memory	1 x EM08
1 x 4-core 3.0 GHz POWER7 Processor Module	1 x EPC5
2 Processor Activations	2 x EPD5
2 Zero-priced Processor Activations	2 x EPE5
AIX Partition Specify	1 x 0265
2 146.8 GB 15k SFF HDDs	2 x 1886
Primary Operating System Indicator - IBM AIX	1 x 2146
Serial Port Converter Cable	1 x 3930
Rack Indicator - Not Factory Integrated	1 x 4650
Software Preload Required	1 x 5000
PowerVM Standard Edition - per core	4 x 5227
Power Supply, 1725 Watt AC	2 x 5603
SATA Slimline DVD-RAM Drive	1 x 5762
Two Power Cords	2 x 6458
IBM Rack-mount Drawer Bezel and Hardware	1 x 7134
IBM/OEM Rack-mount Rail Kit	1 x 7145
2-Port 10/100/1000 Base-TX Ethernet PCI Express Adapter	1 x 9055
Language Group Specify	1 x 9300
New AIX License Core Counter	4 x 9440

IBM Power 730 AIX Solution Edition

If you order an IBM Power 730 AIX Solution Edition server as defined below, you can qualify for half of the initial configuration's processor core activations at no additional charge, and reduced charges for AIX Standard Edition license activations.

The IBM AIX Solution Editions are designed to help you take advantage of the combined experience and expertise of IBM and ISVs in building business value with your IT investments. A qualifying purchase of software for an eligible solution from a participating ISV is required when purchasing an IBM AIX Solution Edition.

The Power 730 AIX Solution Edition supports 8-core, 12-core, and 16-core configurations. For a list of participating ISVs and their eligible solutions, registration form, and additional details, visit the Solution Edition website at

<http://www.ibm.com/systems/power/hardware/solutioneditions/aix/index.html>

The Power 730 AIX Solution Edition includes no-charge and reduced-charge features, resulting in a lower initial list price for qualifying clients.

The requirements to be eligible to place a Power 730 AIX Solution Edition order are:

- The solution must include new licenses of AIX for the qualifying IBM server.
- The solution must meet the minimum memory and storage requirements as defined below.
- The solution must include PowerVM Standard Edition or PowerVM Enterprise Edition.
- The offering must include new or upgrade software licenses of an eligible solution from the participating ISV for the qualifying IBM server.
- Proof of purchase of the solution with a participating ISV must be provided to IBM on request. The proof must be dated within 90 days before or after the date of order of the qualifying server.

IBM Power 730 AIX Solution Edition minimum memory definition details:

A minimum of 4 GB memory per core on the Power 730 is needed to qualify for the IBM AIX Solution Edition. There can be different valid memory configurations that meet the minimum requirement.

Edition Minimum Disk/SSD/Fibre Channel/FCoE Definition Details:

The order must meet one of these HDD/SSD/FC/FCoE criteria. Partial criteria cannot be combined.

- A minimum of two HDDs or two SSDs.
 - Two SAS HDDs -- Any capacity drives located in the system unit, feature 5802 drawer, feature 5886 DASD drawer, or feature 5887 DASD drawer qualify.
 - Two SAS SSDs -- Any capacity drives located in the system unit, feature 5886 DASD drawer, feature 5887 DASD drawer, or 5888 SSD drawer qualify.
 - Two SSD Modules with eMLC (#1995/#1996) -- Modules located in the system unit with feature 2053 qualify.

or

- A minimum of two Fibre Channel adapters, or two FCoE adapters for attachment of a Storwize V7000 Storage System.
 - Two Fibre Channel PCIe adapters located in the system unit.
 - Two Fibre Channel over Ethernet PCIe adapters located in the system unit.

These sample configurations can be changed as needed and still qualify as an IBM Power 730 AIX Solution Edition, as long as the minimum configuration requirements are met.

Sample Hardware Configuration

Description	Feature number
Power 730 Solution Edition for AIX	1 x ELB7
Storage Backplane for 2.5-inch Drives/SATA DVD/Tape	1 x EJ0E
16 GB (2 x 8 GB) Memory	1 x EM16
1 x 4-core 3.72 GHz POWER7 Processor Module	2 x EPC4
2 Processor Activations	4 x EPD4
2 Zero-priced Processor Activations	4 x EPE4
AIX Partition Specify	1 x 0265
2 146.8 GB 15k SFF HDDs	2 x 1886
Primary Operating System Indicator - IBM AIX	1 x 2146
Serial Port Converter Cable	1 x 3930
Rack Indicator - Not Factory Integrated	1 x 4650
Software Preload Required	1 x 5000
PowerVM Standard Edition - per core	8 x 5227
Power Supply, 1725 watt AC	2 x 5603
SATA Slimline DVD-RAM Drive	1 x 5762

Two Power Cords	2 x 6671
2-Port 10/100/1000 Base-TX Ethernet PCI Express Adapter	1 x 9056
Language Group Specify	1 x 9300
New AIX License Core Counter	8 x 9440

IBM Power 740 AIX Solution Edition

If you order an IBM Power 740 AIX Solution Edition server as defined below, you can qualify for half of the initial configuration's processor core activations at no additional charge, and reduced charges for AIX Standard Edition license activations.

The IBM AIX Solution Editions are designed to help you take advantage of the combined experience and expertise of IBM and ISVs in building business value with your IT investments. A qualifying purchase of software for an eligible solution from a participating ISV is required when purchasing an IBM AIX Solution Edition.

The Power 740 AIX Solution Edition supports 4 - 16 core configurations. For a list of participating ISVs and their eligible solutions, registration form, and additional details, visit the Solution Edition website at

<http://www.ibm.com/systems/power/hardware/solutioneditions/aix/index.html>

The Power 740 AIX Solution Edition includes no-charge and reduced-charge features, resulting in a lower initial list price for qualifying clients.

The requirements to be eligible to place a Power 740 AIX Solution Edition order are:

- The solution must include new licenses of AIX for the qualifying IBM server.
- The solution must meet the minimum memory and storage requirements as defined below.
- The solution must include PowerVM Standard Edition or PowerVM Enterprise Edition.
- The offering must include new or upgrade software licenses of an eligible solution from the participating ISV for the qualifying IBM server.
- Proof of purchase of the solution with a participating ISV must be provided to IBM on request. The proof must be dated within 90 days before or after the date of order of the qualifying server.

IBM Power 740 AIX Solution Edition minimum memory definition details:

A minimum of 4 GB memory per core on the Power 740 is needed to qualify for the IBM AIX Solution Edition. There can be different valid memory configurations that meet the minimum requirement.

Edition Minimum Disk/SSD/Fibre Channel/FCoE Definition Details:

The order must meet one of these HDD/SSD/FC/FCoE criteria. Partial criteria cannot be combined.

- A minimum of two HDDs or two SSDs.
 - Two SAS HDDs -- Any capacity drives located in the system unit, feature 5802 drawer, feature 5886 DASD drawer, or feature 5887 DASD drawer qualify.
 - Two SAS SSDs -- Any capacity drives located in the system unit, feature 5886 DASD drawer, feature 5887 DASD drawer, or 5888 SSD drawer qualify.
 - Two SSD Modules with eMLC (#1995/#1996) -- Modules located in the system unit with feature 2053 qualify.

or

- A minimum of two Fibre Channel adapters, or two FCoE adapters for attachment of a Storwize V7000 Storage System.
 - Two Fibre Channel PCIe adapters located in the system unit.
 - Two Fibre Channel over Ethernet PCIe adapters located in the system unit.

These sample configurations can be changed as needed and still qualify as an IBM Power 740 AIX Solution Edition, as long as the minimum configuration requirements are met.

Sample Hardware Configuration

Description	Feature number
Power 740 Solution Edition for AIX	1 x ELB9
Storage Backplane for 2.5-inch Drives/SATA DVD/Tape	1 x 5618
32 GB (2 x 8 GB) Memory	2 x EM16
1 x 4-core 3.3 GHz POWER7 Processor Module	1 x EPC9
2 Processor Activations	2 x EPD9
2 Zero-priced Processor Activations	2 x EPE9
AIX Partition Specify	1 x 0265
2 146.8 GB 15k SFF HDDs	2 x 1886
Primary Operating System Indicator - IBM AIX	1 x 2146
Serial Port Converter Cable	1 x 3930
Rack Indicator - Not Factory Integrated	1 x 4650
Software Preload Required	1 x 5000
PowerVM Standard Edition - per core	4 x 5227
Power Supply, 1725 Watt AC	2 x 5603
SATA Slimline DVD-RAM Drive	1 x 5762
Two Power Cords	2 x 6458
IBM Rack-mount Drawer Bezel and Hardware	1 x 7131
IBM/OEM Rack-mount Rail Kit	1 x 7145
2-Port 10/100/1000 Base-TX Ethernet PCI Express Adapter	1 x 9055
Language Group Specify	1 x 9300
New AIX License Core Counter	4 x 9440

Product number

The following are newly announced features on the specific models of the IBM Power Systems 8202, 8205, and 8231 machine types:

Description	MT	Model	Feature
Power 710 AIX Solution Edition	8231	E1C	ELB6
Power 730 AIX Solution Edition	8231	E2C	ELB7
Power 720 AIX Solution Edition	8202	E4C	ELB8
Power 740 AIX Solution Edition	8205	E6C	ELB9

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=112-071>

Publications

No publications are shipped with the announced products.

The IBM Systems Information Center provides you with a single information center where you can access product documentation for IBM systems hardware, operating systems, and server software. Through a consistent framework, you can efficiently find information and personalize your access. The IBM Systems Information Center is at

<http://publib14.boulder.ibm.com/infocenter/systems>

IBM Publications Center Portal

<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, as well as payment options via credit card. A large number of publications are available online in various file formats, which can currently be downloaded free of charge.

Services

Global Technology Services

IBM services include business consulting, outsourcing, hosting services, applications, and other technology management.

These services help you learn about, plan, install, manage, or optimize your IT infrastructure to be an on-demand business. They can help you integrate your high-speed networks, storage systems, application servers, wireless protocols, and an array of platforms, middleware, and communications software for IBM and many non-IBM offerings. IBM is your one-stop shop for IT support needs.

For details on available services, contact your IBM representative or visit

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

For details on available IBM Business Continuity and Recovery Services, contact your IBM representative or visit

<http://www.ibm.com/services/continuity>

For details on education offerings related to specific products, visit

<http://www.ibm.com/services/learning/index.html>

Select your country, and then select the product as the category.

Technical information

Specified operating environment

Software requirements

None.

Planning information

Cable orders

No cables are required.

Security, auditability, and control

This product uses the security and auditability features of host hardware, host software, and application software.

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

IBM Electronic Services

IBM has transformed its delivery of hardware and software support services to help you achieve higher system availability. Electronic Services is a web-enabled

solution that offers an exclusive, no-additional-charge enhancement to the service and support available for IBM servers. These services are designed to provide the opportunity for greater system availability with faster problem resolution and preemptive monitoring. Electronic Services comprises two separate, but complementary, elements: Electronic Services news page and Electronic Services Agent.

The Electronic Services news page is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

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

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

Terms and conditions

MES discount applicable

Equal to the volume commitment discount

Field installable feature

No

Warranty period

An IBM part or feature installed during the initial installation of an IBM machine is subject to a full warranty effective on the date of installation of the machine. An IBM part or feature that replaces a previously installed part or feature assumes the remainder of the warranty period for the replaced part or feature. An IBM part or feature added to a machine without replacing a previously installed part or feature is subject to a full warranty effective on its date of installation. Unless specified otherwise, the warranty period, type of warranty service, and service level of a part or feature are the same as those for the machine in which it is installed.

Customer setup

Yes

Machine code

Same license terms and conditions as base machine

Pricing

For all local charges, contact your IBM representative.

The following are newly announced features on the specific models of the IBM Power Systems 8202, 8205, and 8231 machine types:

Description	Model	Feature	Initial/		
Machine type	number	number	MES/	Both	RP
8202			support	CSU	MES
Power 720 AIX Solution Edition	E4C	ELB8	Initial	N/A	No
Description	Model	Feature	Initial/		
Machine type	number	number	MES/	Both	RP
8205			support	CSU	MES
Power 740 AIX Solution Edition	E6C	ELB9	Initial	N/A	No
Description	Model	Feature	Initial/		
Machine type	number	number	MES/	Both	RP
8231			support	CSU	MES
Power 710 AIX Solution Edition	E1C	ELB6	Initial	N/A	No
Power 730 AIX Solution Edition	E2C	ELB7	Initial	N/A	No

Pricing terms

Prices in the following PDF prices link are suggested list prices on day of announcement for the US only. They are provided for your information only. Dealer prices may vary, and prices may also vary by country. IBM list price does not include tax or shipping and is subject to change without notice.

[ENUS-112-071-LIST_PRICES_2012_04_24.PDF](#)

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<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/>