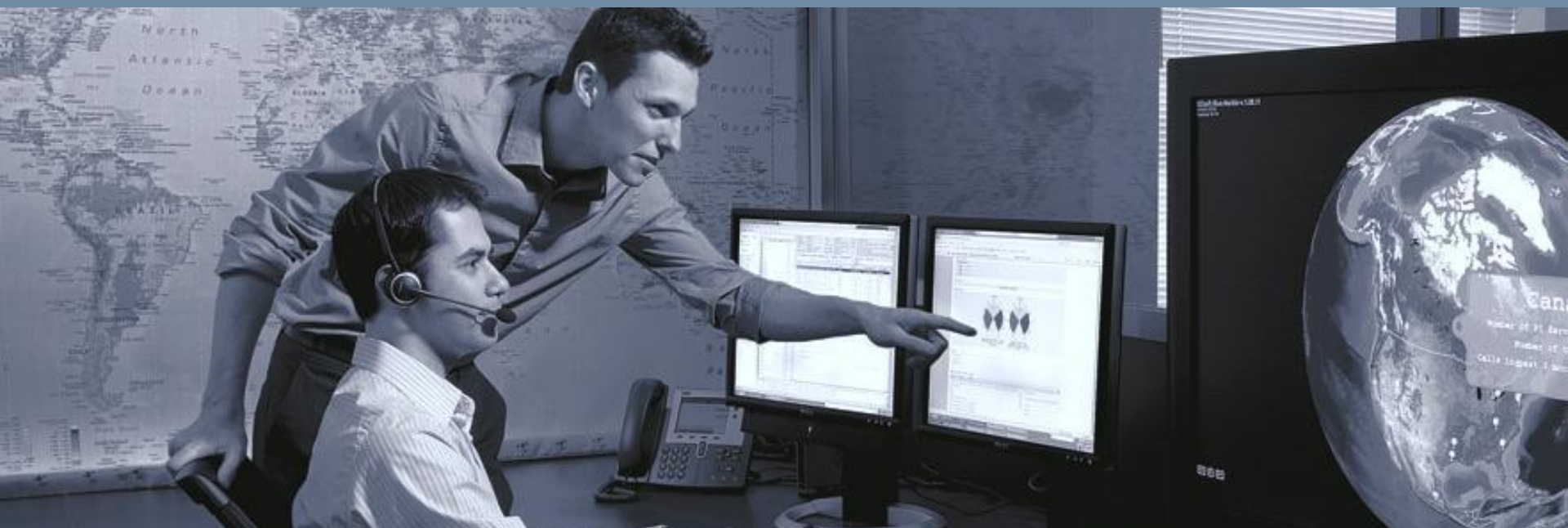




План развития PI System

Ханс Отто Вайнхольд
Sr. Customer Support Engineer
OSIsoft Europe GmbH

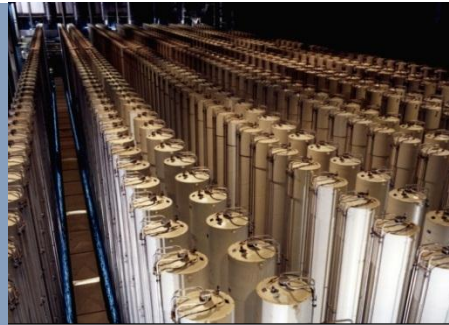
Март 2, 2011

2009-2010



Security

Critical
Facilities are
Safe



Asset Centric PI

Define Once
Use Over and
Over



Localization

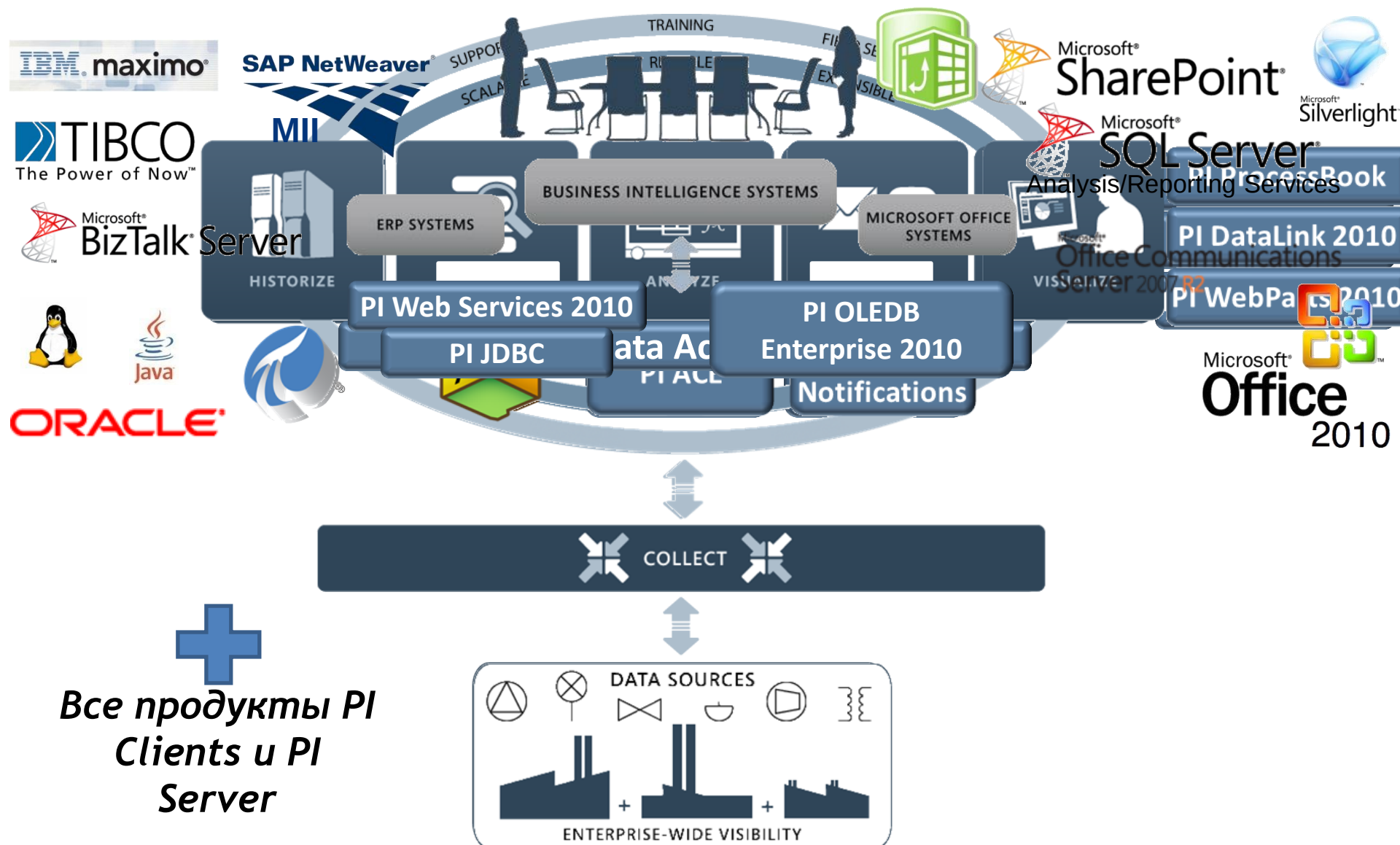
Use
Worldwide



Scaling, 64 bit

Use PI for
more data

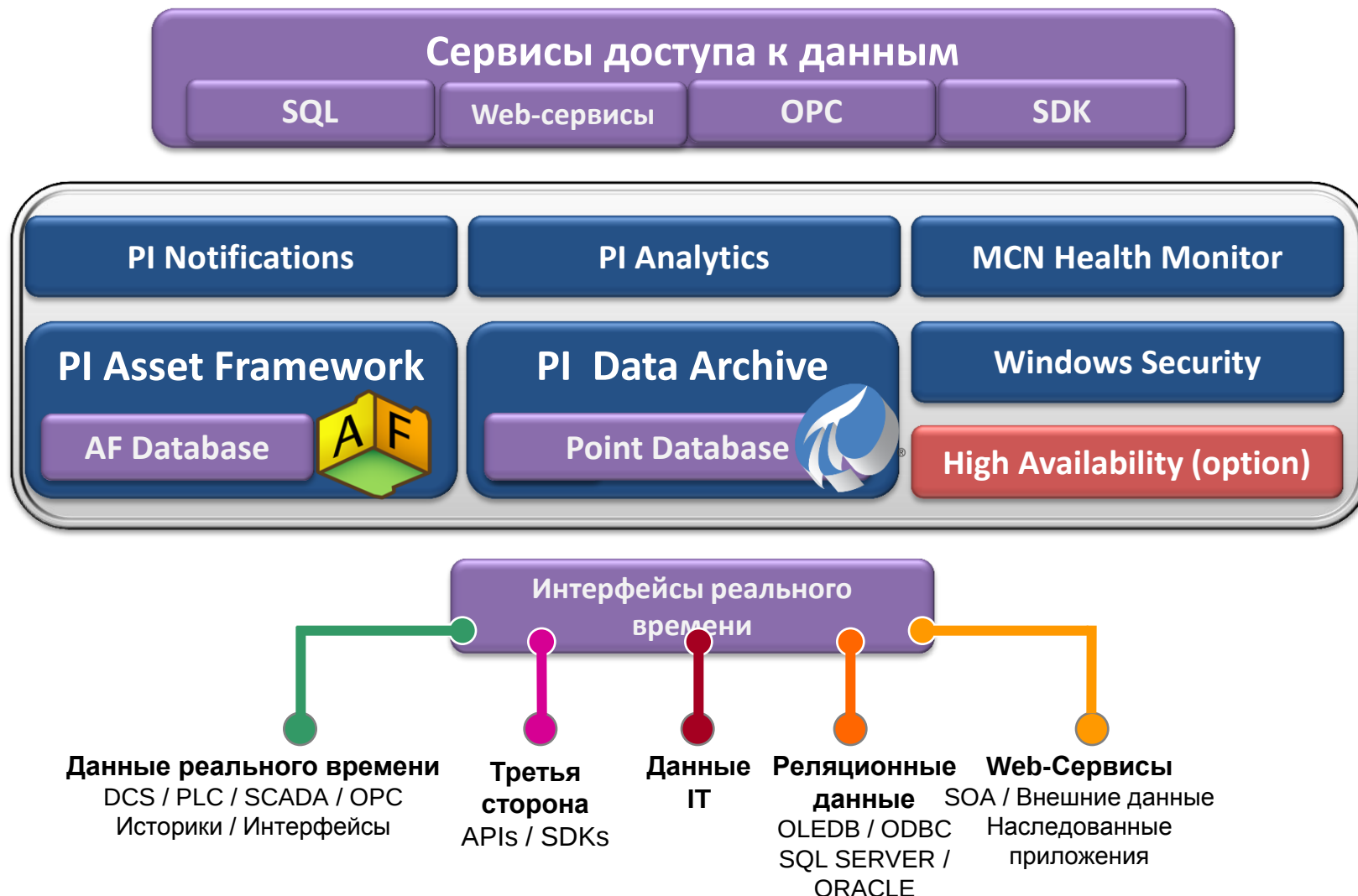
PI System 2010



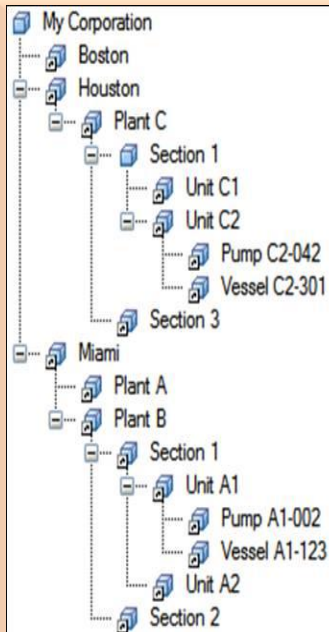
- Вход по Single Sign-On (SSO)
- Лёгкость в управлении
 - Учётные записи пользователей Windows
 - Инструменты и политики безопасности
- Лёгкость в обновлении
 - Обратная совместимость
 - Требуется PI SDK 1.3.6



- Предложения OSIsoft
 - Обеспечение надёжных данных для бизнеса
 - Минимизация компьютерных рисков
 - Облегчение соответствий техническим условиям
- Упреждающие меры
 - Жизненный цикл разработок безопасности
 - Встроенная защита
 - Managed PI и первые респонденты
 - Специализированный Мастер Безопасности
- Верификация
 - 2009 US Army NETCOM - Certificate of Noteworthiness (CoN)
 - 2008 Windows Logo Certification - Server 'Core'
 - 2006 National SCADA Test Bed - Cyber Assessment
 - 2004 EPRI and Utility Partner - Cyber Assessment



Информация по активам / Метаданные



Notifications

Аналитика

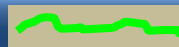
Реляционные / Данные не
временного ряда



PI Server



Коллектив PI
Server



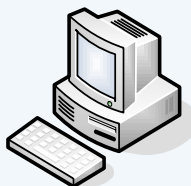
Time Series Data



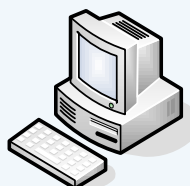
Приложения на основе MDB



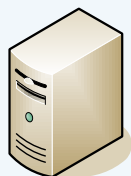
PI DataLink



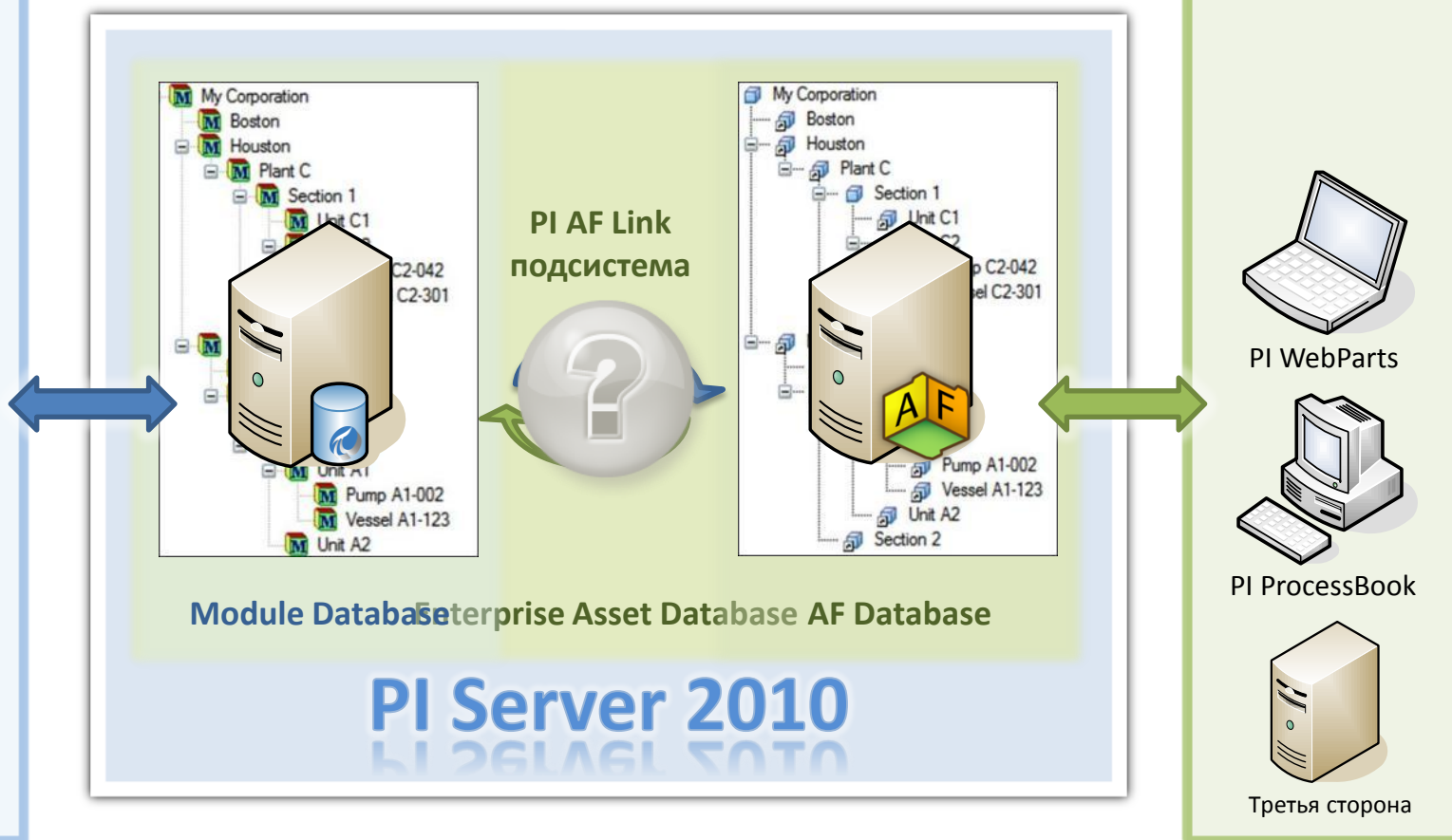
IT Monitor



BatchView



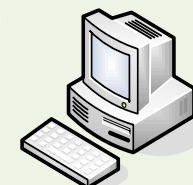
PI ACE



Приложения на основе AF



PI WebParts



PI ProcessBook



Третья сторона



вычисления



событийные



данные PI

- Performance Equations



Заплата Конфигурации пользователей

- Тотализаторы



- Сигналы/Статистический контроль качества (SQC)



- Advanced Computing Engine



- PI для StreamInsight*



Программ Не-PI данные

- Asset Framework-поддерживаемые Analytics*



* Future products

Выпуски PI Server 2010



11-Oct-2010

Major release Minor release Service Pack

older newer

Featured Products	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
CLIENT View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI ProcessBook									
PI ActiveView									
PI DataLink									
PI DataLink Server									
PI Manual Logger									
PI WebParts									
DATA ACCESS View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI JDBC									
PI ODBC									
PI OLEDB									
PI OLEDB Enterprise									
PI OPC DA/HDA Server									
PI SDK									
PI Web Services									
SERVER View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI ACE									
PI AF									
PI for StreamInsight									
PI Server									
PI Notifications									
INTERFACES View more Search	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI OPC DA									
PI OPC UA									
PI OPC DA Historian									
PI OPC UA Historian									
PI OPC DA Edge									
PI OPC UA Edge									
PI OPC DA Historian Edge									
PI OPC UA Historian Edge									
PI OPC DA Edge Historian									
PI OPC UA Edge Historian									
PI OPC DA Edge Historian Edge									
PI OPC UA Edge Historian Edge									

PI AF
Масштабируе-
мость
HA

PI Server
безопасность
Windows

PI Server 2010
Активы и тэги,
масштабируемость

PI
Notifications
Шаблоны



Выпуски Data Access

11-Oct-2010

 Major release  Minor release  Service Pack

 older  newer

Featured Products	Q4 2008	Q1 2009	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011
CLIENT View more	Q4 2008	Q1 2009	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011
PI ProcessBook										
PI ActiveView										
PI DataLink										
PI DataLink Server										
PI Manual Logger										
PI WebParts										
DATA ACCESS View more	Q4 2008	Q1 2009				Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011
PI JDBC										
PI ODBC										
PI OLEDB										
PI OLEDB Enterprise										
PI OPC DA/HDA Server										
PI SDK										
PI Web Services										
SERVER View more	Q4 2008	Q1 2009	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011
PI ACE										
PI AF										
PI for StreamInsight										
PI Server										
PI Notifications										
INTERFACES View more Search	Q4 2008	Q1 2009	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011
PI OPC Interface/PI OPC DA										

PI JDBC 2010
1й выпуск

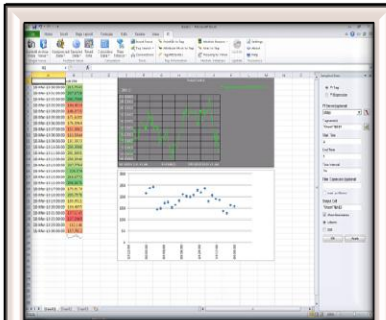
PI OLEDB
64-Bit

PI OLEDB
Enterprise 2010
1й выпуск

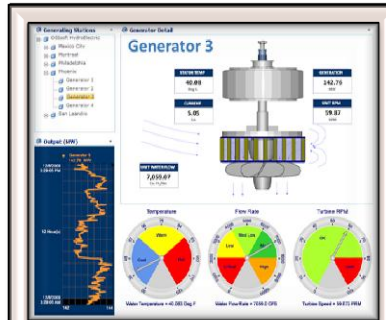
PI SDK
64-Bit

PI OPC Server
OPC
совместимость

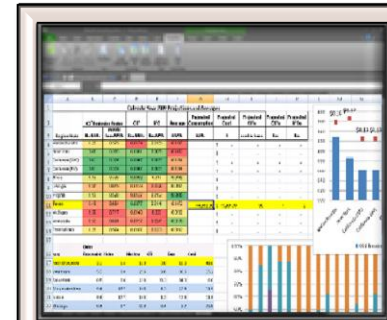
PI Web Services
2010
1й выпуск



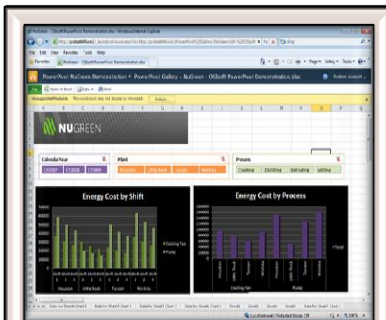
PI DataLink for Excel
2010



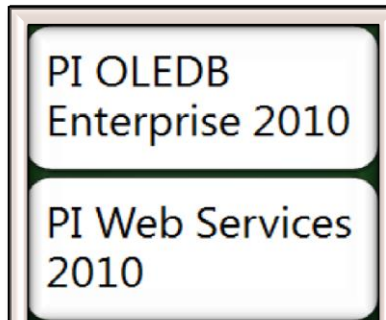
PI WebParts for
SharePoint 2010



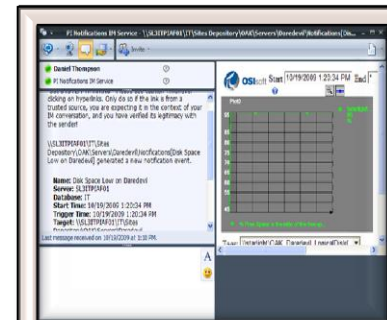
PI DataLink
Server 2010



PI and PowerPivot
for 2010



PI System Access



PI Notifications
Office Communicator
Delivery



- Производительность с использованием знакомых и интуитивно понятных инструментов
- Конечный пользователь создаёт собственные решения
- Улучшение распределения файлов



- Производительность с использованием приборных панелей
- Обзор ключевых командных и организационных структур
- Бизнес в условиях эффективного сотрудничества



- Уменьшение цены путём снижения инвестиций в IT
- Масштабирование для поддержки всех пользователей
- Знакомые и интуитивно понятные инструменты управления

Что нового в визуализации в PI System 2010?



отчёты

приборные доски

Production			Inventories			Product			Day's Performance		
Rate (Tons/Hr)	Target (Tons/Hr)	Capacity (Tons/Hr)	Raw Material Available (Tons)	Days		Sales (Tons/Day)	Available (Tons)	Days	Energy 2%	Reliability 95%	Quality 98%
32.9	35.0	50	30,128	35.9		1,200	10,638	8.9	88206%	9557%	9847%

уведомления

Scorecards

	Houston				Little Rock				Tucson			
	This Month	Today	Target	Trend	This Month	Today	Target	Trend	This Month	Today	Target	Trend
Safety	0	0			0	0			0	0		
Environment	97.0	97.1			98.6	99.0			97.0	97.1		
Energy Use	363594	11998			111526	3646			97.0	97.1		
Quality	97.6	97.9			97.3	97.6			97.0	97.1		
Reliability	95.7	96.4			95.6	96.3			96.7	97.1		

- Доступно сейчас
 - PI ProcessBook
 - PI ActiveView
 - PI WebParts
 - PI SDK
 - PI DataLink
- Планируется
 - PI System Explorer
 - PI Notifications
 - PI Manual Logger
- Французский
- Немецкий
- Русский
- Испанский
- Корейский
- Японский
- Португальский
- Упрощённый китайский

hallo *bonjour*
iHola **привет**
안녕하세요
こんにちは
Olá
你好
saluton

Выпуски визуализаций

11-Oct-2010

 Major release
  Minor release
  Service Pack

[older](#)
[newer](#)

Featured Products	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
CLIENT View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI ProcessBook									
PI ActiveView									
PI DataLink									
PI DataLink Server									
PI Manual Logger									
PI WebParts									
DATA ACCESS View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010			Q3 2011
PI JDBC									
PI ODBC									
PI OLEDB									
PI OLEDB Enterprise									
PI OPC DA/HDA Server									
PI SDK									
PI Web Services									
SERVER View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI ACE									
PI AF									
PI for StreamInsight									
PI Server									
PI Notifications									
INTERFACES View more Search	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011

PI ProcessBook
 AF ERDs
 Playback

PI Manual Logger 2010
 Производительность

PI DataLink 2010
 Office 2010

PI DL Server 2010
 SharePoint 2010

PI WebParts 2010
 SharePoint 2010,
 AF, 64-Bit

Улучшения в 4 кв.2010

Улучшения в метаданных активов
с использованием PI AF

- PI AF Builder - часть выпуска PI AF 2010 R2
 - Позволяет Вам строить и редактировать структуры AF
 - Использует MS Excel
- Полный доступ к атрибутам AF
 - PI WebParts 2010 R2 - выпуск в октябре
 - PI Web Services 2010 R2
- AF Support
 - PI JDBC 2010 R2 (использует PI OLEDB Enterprise)

PI AF Builder - Построение иерархии AF



Book2 - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Add-Ins PI AF Builder Team

Current AF Connection
 PISystem: SKWANE6400
 Database: AF Demo

Database
 (x) Select All
 () Deselect All

Delete Export
 Library Elements Event Frames

Errors
 About
 Help
 Resources

A	B	C	D	E	F	G	H	I
Selected(x)	Parent	Name	ObjectType	Template	Description	Categories	AttributeDataReference	AttributeDefaultUOM
x		Power Plant #1	Element	Plant	Combined cycle power plant			
x	Power Plant #1	Train1	Element	Train	Combined Cycle Power Plant Train			
x	Power Plant #1\Train1	Plant1	Element	Plant	Combined cycle power plant			
x	Power Plant #1\Train1\Plant1	Gas Turbine1	Element	Gas Turbine	Gas Turbine			
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Exit Flow	Attribute		Gas Turbine Exit Flow		PI Point	klb/hr
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Exit Temperature	Attribute		Gas Turbine Exit Temperature		PI Point	°C
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Fuel Gas Flow	Attribute		Gas Turbine Fuel Flow		PI Point	klb/hr
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Inlet Flow	Attribute		Gas Turbine Inlet flow		PI Point	klb/hr
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Inlet Temperature	Attribute		Gas Turbine Inlet Temperature		PI Point	°C
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Power Output	Attribute		Gas Turbine MW Output		PI Point	MW
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Serial Number	Attribute		Gas Turbine Serial Number			
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Pump Type A1	Element	Pump Type A	Pump Type A Template	Pumps;		
x	Power Plant #1\Train1\Plant1\Gas Turbine1\Pump Type A1	Pump Casing Temperature	Attribute		Temperature of the pump casing		PI Point	°F
x	Power Plant #1\Train1\Plant1\Gas Turbine1\Pump Type A1	Pump Serial Number	Attribute		Serial Number for the pump			
x	Power Plant #1\Train1\Plant1\Gas Turbine1	Pump Type A2	Element	Pump Type A	Pump Type A Template	Pumps;		
x	Power Plant #1\Train1\Plant1\Gas Turbine1\Pump Type A2	Pump Casing Temperature	Attribute		Temperature of the pump casing		PI Point	°F
x	Power Plant #1\Train1\Plant1\Gas Turbine1\Pump Type A2	Pump Serial Number	Attribute		Serial Number for the pump			
x	Power Plant #1\Train1\Plant1	Gas Turbine2	Element	Gas Turbine	Gas Turbine			
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Exit Flow	Attribute		Gas Turbine Exit Flow		PI Point	klb/hr
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Exit Temperature	Attribute		Gas Turbine Exit Temperature		PI Point	°C
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Fuel Gas Flow	Attribute		Gas Turbine Fuel Flow		PI Point	klb/hr
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Inlet Flow	Attribute		Gas Turbine Inlet flow		PI Point	klb/hr
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Inlet Temperature	Attribute		Gas Turbine Inlet Temperature		PI Point	°C
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Power Output	Attribute		Gas Turbine MW Output		PI Point	MW
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Serial Number	Attribute		Gas Turbine Serial Number			
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Pump Type A1	Element	Pump Type A	Pump Type A Template	Pumps;		
x	Power Plant #1\Train1\Plant1\Gas Turbine2\Pump Type A1	Pump Casing Temperature	Attribute		Temperature of the pump casing		PI Point	°F
x	Power Plant #1\Train1\Plant1\Gas Turbine2\Pump Type A1	Pump Serial Number	Attribute		Serial Number for the pump			
x	Power Plant #1\Train1\Plant1\Gas Turbine2	Pump Type A2	Element	Pump Type A	Pump Type A Template	Pumps;		
x	Power Plant #1\Train1\Plant1\Gas Turbine2\Pump Type A2	Pump Casing Temperature	Attribute		Temperature of the pump casing		PI Point	°F
x	Power Plant #1\Train1\Plant1\Gas Turbine2\Pump Type A2	Pump Serial Number	Attribute		Serial Number for the pump			

Sheet1 Sheet2 Sheet3

PI AF Builder - Конфигурация атрибутов AF



Book2 - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Add-Ins PI PI AF Builder Team

Current AF Connection
PISystem: SKWANE6400
Database: AF Demo

Database
Headers
(x) Select All
() Deselect All
Delete Export
Library Elements Event Frames
Import from AF
Errors
About
Help
Resources

Parent

	A	B	C	D	E	F	G	H	I
	Selected(x)	Parent	Name	ObjectType	Template	Description	Categories	Serial Number	Pump Serial Number
2	x		Power Plant #1	Element	Plant	Combined cycle power plant			
3	x		Train1	Element	Train	Combined Cycle Power Plant Train			
4	x	Power Plant #1\Train1	Plant1	Element	Plant	Combined cycle power plant			
5	x	Power Plant #1\Train1\Plant1	Gas Turbine1	Element	Gas Turbine	Gas Turbine		GT505-A	
6	x	Power Plant #1\Train1\Plant1\Gas Turbine1	Pump Type A1	Element	Pump Type A	Pump Type A Template	Pumps;		T1-197
7	x	Power Plant #1\Train1\Plant1\Gas Turbine1	Pump Type A2	Element	Pump Type A	Pump Type A Template	Pumps;		T1-198
8	x	Power Plant #1\Train1\Plant1	Gas Turbine2	Element	Gas Turbine	Gas Turbine		GT505-B	
9	x	Power Plant #1\Train1\Plant1\Gas Turbine2	Pump Type A1	Element	Pump Type A	Pump Type A Template	Pumps;		T1-199
10	x	Power Plant #1\Train1\Plant1\Gas Turbine2	Pump Type A2	Element	Pump Type A	Pump Type A Template	Pumps;		T1-200
11									
12									

Sheet1 Sheet2 Sheet3

Ready

100%

Book2 - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Add-Ins PI PI AF Builder Team

Current AF Connection
 PISystem: SKWANE6400
 Database: AF Demo

Database AF
 (x) Select All
 () Deselect All

Delete Export Library Elements Event Frames Errors About Help Resources

Export to AF Import from AF

A1 Selected(x)

	A	B	C	D	E	F	G
1	Selected(x)	Parent	Name	ObjectType	Template	Description	AttributeValue
2	x		Power Plant #1	Element	Plant	Combined cycle power plant	
3	x	Power Plant #1	Train1	Element	Train	Combined Cycle Power Plant Train	
4	x	Power Plant #1\Train1	Plant1	Element	Plant	Combined cycle power plant	
5	x	Power Plant #1\Train1\Plant1	Gas Turbine1	Element	Gas Turbine	Gas Turbine	
6	x	Power Plant #1\Train1\Plant1\Gas Turbine1	Pump Type A3	Element	Pump Type A	Pump Type A Template	
7	x	Power Plant #1\Train1\Plant1\Gas Turbine1\Pump Type A3	Pump Casing Temperature	Attribute		Temperature of the pump casing	0
8	x	Power Plant #1\Train1\Plant1\Gas Turbine1\Pump Type A3	Pump Serial Number	Attribute		Serial Number for the pump	NewSER-A3
9	x	Power Plant #1\Train1\Plant1	Gas Turbine2	Element	Gas Turbine	Gas Turbine	
10	x	Power Plant #1\Train1\Plant1\Gas Turbine2	Pump Type A2	Element	Pump Type A	Pump Type A Template	
11	x	Power Plant #1\Train1\Plant1\Gas Turbine2\Pump Type A2	Pump Serial Number	Attribute		Serial Number for the pump	NewSER-1

Sheet1 Sheet2 Sheet3

Ready

Добавить новый насос

Изменить значение атрибута

План развития PI System - 4кв. 2010 R2 Wave



13-Dec-2010

Major release Minor release Service Pack

older newer

Featured Products	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
CLIENT View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI ProcessBook									
PI ActiveView									
PI DataLink									
PI DataLink Server									
PI Manual Logger									
PI WebParts									
DATA ACCESS View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI JDBC									
PI ODBC									
PI OLEDB									
PI OLEDB Enterprise									
PI OPC DA/HDA Server									
PI SDK									
PI Web Services									
SERVER View more	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011
PI ACE									
PI AF									
PI for StreamInsight									
PI Server									
PI Notifications									
INTERFACES View more Search	Q2 2009	Q3 2009	Q4 2009	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011 - Q3 2011

PI WebParts 2010 R2
Полный доступ к
атрибутам AF

PI JDBC 2010 R2
Полная поддержка
активов (AF)

PI Web Services 2010 R2
Полный доступ к
атрибутам AF

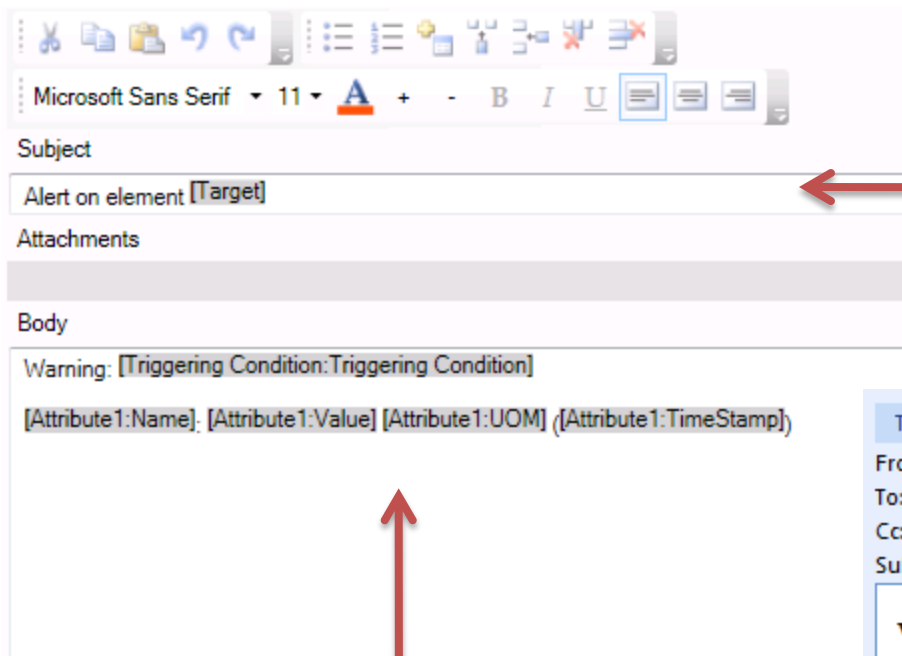
PI AF 2010 R2
AF Builder

Скоро: Улучшения в 1й половине 2011

Улучшены Analytics и Notifications

- Форматирование сообщений
 - Большой контроль над внешним видом, темой и содержанием
- Производительность
 - Получение исторических данных улучшено с использованием порядка частот
 - Поддержка 64-битных систем
- Интернационализация





The screenshot shows the configuration interface for a PI Notification. It includes a toolbar with icons for copy, paste, undo, redo, and other editing functions. Below the toolbar is a text field for the subject, which contains the text "Alert on element [Target]". There is also an "Attachments" section and a "Body" section. The body section contains a warning message: "Warning: [Triggering Condition:Triggering Condition]" and a placeholder for the attribute value: "[Attribute1:Name]: [Attribute1:Value] [Attribute1:UOM] ([Attribute1:TimeStamp])".

Свободная композиция
темы и содержания

Содержание меняется
при вызове сигнала

This message was sent with High importance.

From:  dthompson@osisoft.com Sent: Mon 7-Jun-10 9:09 AM
To:  David Moler
Cc:
Subject: Alert on element [\\PIANODEMO\Demo1.2\Demo 01](#)

Warning: Attribute1 has exceeded target:

Attribute1: 11 (7-Jun-10 9:08:40 AM)

PI Notifications 2011 - Поддержка MS Lync



Tuscon heater H-393 OVER LIMIT: 38.72 scf/h for gas utilizati...

PI Notifications - Available

IM Call Video Share

PI Notifications 5:22 PM

- The Tuscon plant milling process heater H-393 has a gas utilization **over limit** at 38.72 scf/h

Trigger Time: 10/13/2010 5:22:14 PM Pacific Daylight Time (GMT-07:00:00)
Triggering Condition: Fuel Gas Flow > UpperAlarmLimit
Fuel Gas Flow: 38.72 scf/h
UpperAlarmLimit: 25 scf/h

Link:
[Instant PI WebParts Trend](#)

Actions:
[Acknowledge](#)
[Acknowledge With Comment](#)

Last message received on 10/13/2010 at 5:22 PM.

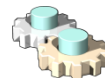
A 😊

PI Notifications

Tuscon heater H-393 OVER LIMIT: 38.72 s...

Redirect Ignore

- Должен быть выпущен в начале 2011



ACE Scheduler 1 ACE Scheduler N

- Многочисленные планировщики

- Улучшенная производительность
- Компоненты переписаны с помощью .NET



- Поддержка Visual Studio 2010



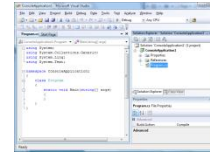
- Поддержка 64-битных систем



PI System и платформа StreamInsight

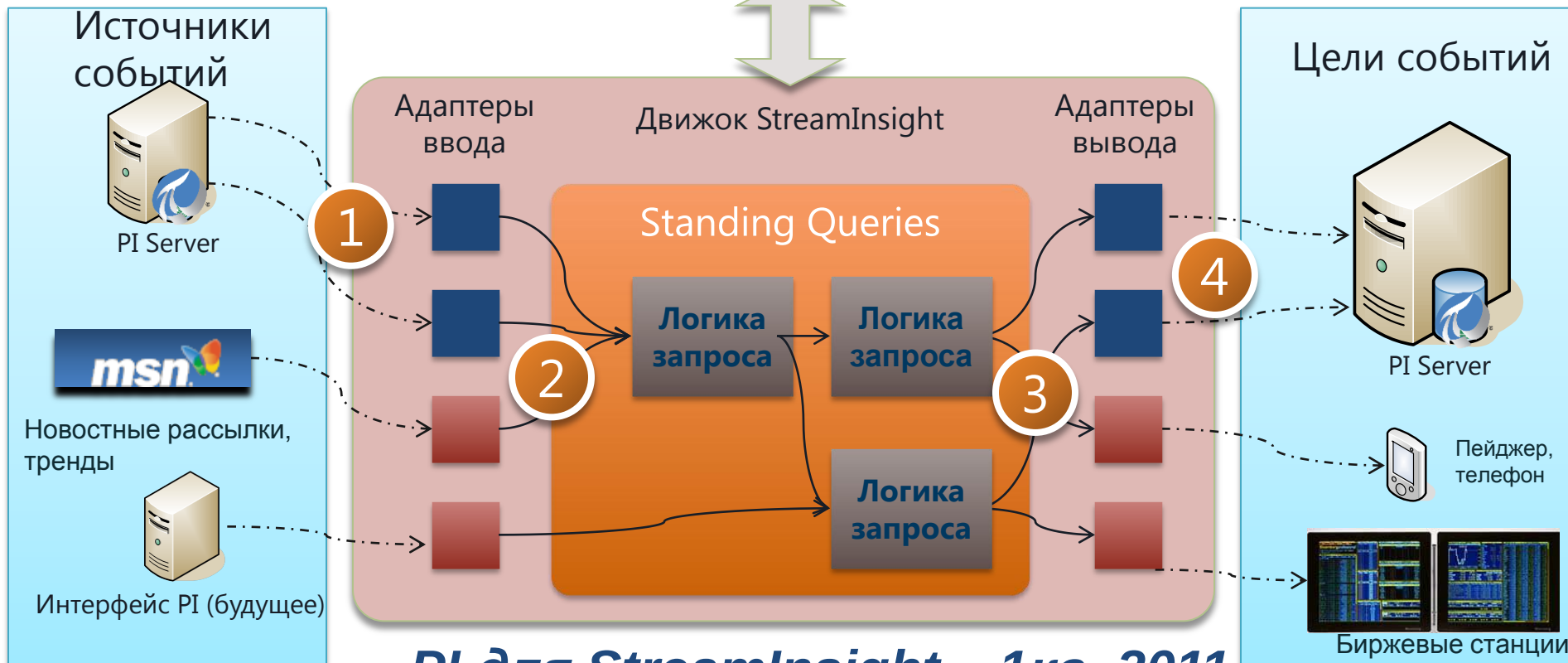
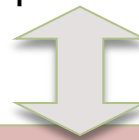


Разработка приложений
StreamInsight



.NET
C#
LINQ

StreamInsight приложение в выполнимой среде



PI для StreamInsight – 1кв. 2011

План развития PI System - предстоящие выпуски



12-Jan-2011

Major release Minor release Service Pack

older newer

Featured Products	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012
CLIENT View			Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012
PI ProcessB								
PI ActiveView								
PI DataLink								
PI DataLink								
PI Manual Logger								
PI WebParts								
DATA ACCE			Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012
PI JDBC								
PI ODBC								
PI OLEDB								
PI OLEDB Enterprise								
PI OPC DA								
PI SDK								
PI Web Se								
SERVER			Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012
PI ACE								
PI AF								
PI for Stre								
PI Server								
PI Notifica								
INTERFACE								
PI OPC Int								
PI to PI								
PI Universal File Loader (UFL)								
Relational Database (RDBMS)								
	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012

PI SDK 2011
Улучшена
поддержка HA

PI ACE 2011
Масштабируемость,
производительность,
64-bit

PI для StreamInsight
2011
1^й выпуск

PI Notifications 2010
Форматирование,
64-Bit, MS Lync

Улучшения во 2й половине 2011

План развития PI System - выпуски 2011



12-Jan-2011

Major release
 Minor release
 Service Pack

[older](#)
[newer](#)

Featured Products	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012
CLIENT View more	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012
PI ProcessBook								
PI ActiveView								
PI DataLink								
PI DataLink Server								
PI Manual Logger								
PI WebParts								
DATA ACCESS View more	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012
PI JDBC								
PI ODBC								
PI OLEDB								
PI OLEDB Enterprise								
PI OPC DA/HDA Server								
PI SDK								
PI Web Services								
SERVER View more	Q1 2010	Q2 2010	Q3 2010				Q4 2011	Q1 2012 - Q2 2012
PI ACE								
PI AF								
PI for StreamInsight								
PI Server								
PI Notifications								
INTERFACES View more Search	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012
PI OPC Interface/PI OPC DA								
PI to PI								
PI Universal File Loader (UFL)								
Relational Database (RDBMS)								
	Q1 2010	Q2 2010	Q3 2010	Q4 2010	Q1 2011	Q2 2011	Q3 2011 - Q4 2011	Q1 2012 - Q2 2012

PI AF 2011 Version 2.4

This major release is planned to include additional infrastructure to support upcoming OSIsoft products including Configured Analytics and Event Frames. There will be continuous improvement in product performance and bug fixes.

Следите за обновлениями онлайн

“Инженерный план” превратился в “План развития”



План развития PI на OSIsoft Technical Support

<http://techsupport.osisoft.com/techsupport/NonTemplates/roadmap.aspx>

The screenshot shows the OSIsoft Tech Support website. At the top is the OSIsoft logo and a navigation bar with links: MY SUPPORT | PRODUCTS | DOWNLOAD CENTER | KNOWLEDGE CENTER | CONTACT US. Below this is a large dark green banner with the text "OSIsoft Tech Support".

Below the banner, there are two main sections:

- New to OSIsoft Tech Support?** This section contains a list of features with a "Register Now" button. The "PI System Roadmap" is highlighted with a red circle. The features listed are:
 - OSIsoft Tech Support Site Features**
 - Download Center**: Access install kits, manuals, newsletters and more
 - PI System Roadmap**: See what features are planned for the next release (highlighted with a red circle)
 - My Products**: Access all downloads associated with your licensed sites
 - My Calls**: Open a new support call or update an existing one
 - Remote Support Session**: Allow the TSE you are working with to access your system
- Release Announcements**: A list of recent releases with dates and titles:
 - 30-Dec-2010 PI AutoPoint Syr
 - 29-Dec-2010 PI Interface Cor
 - 23-Dec-2010 PI Asset Framew
 - 17-Dec-2010 PI JDBC 2010 R:
 - 16-Dec-2010 PI Web Services
 - 10-Dec-2010 PI API 1.6.6.3 fc
 - 01-Dec-2010 Honeywell Totali
 - 01-Dec-2010 GE iBatch Batch
 - 22-Nov-2010 Rockwell Factory
 - 22-Nov-2010 Siemens Simatic

Below the release announcements is a "More..." link and a "Support Bulletins" section with the following entries:

- 09-Sep-2010 High Memory Uti Agent
- 09-Sep-2010 Managed PI Sup



Thank you

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777 Davis St., San Leandro, CA 94577