



# OSIsoft® Regional Seminar Series Johannesburg, South Africa

23 February 2012



## 2012 Learning with OSIsoft

Nick Stead  
Learning Options - Classes - YouTube - vCampus  
OSIsoft Africa

Real Time Information - Currency of the New Decade

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## PI System Software

### Training

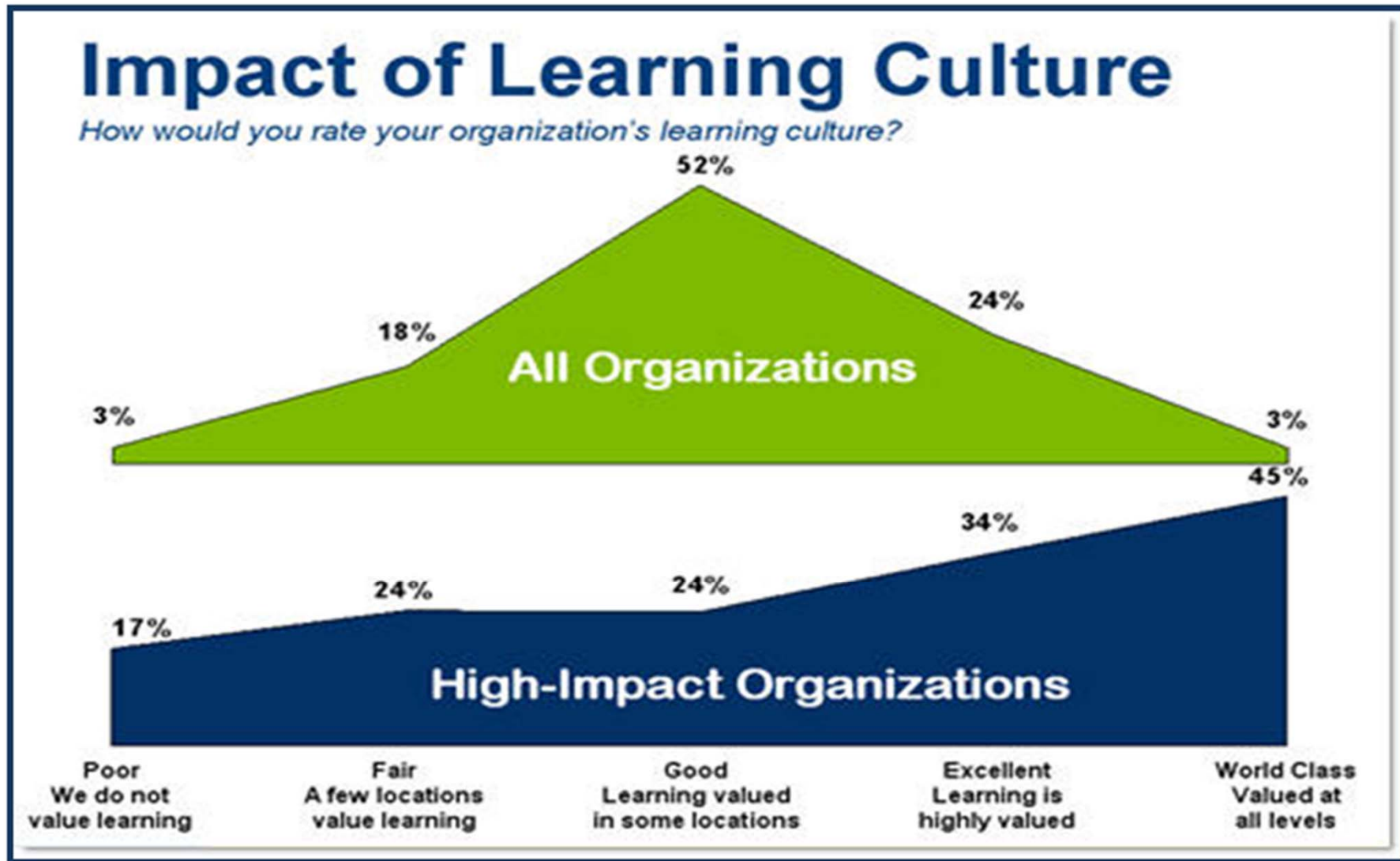
Classes  
YouTube  
vCampus



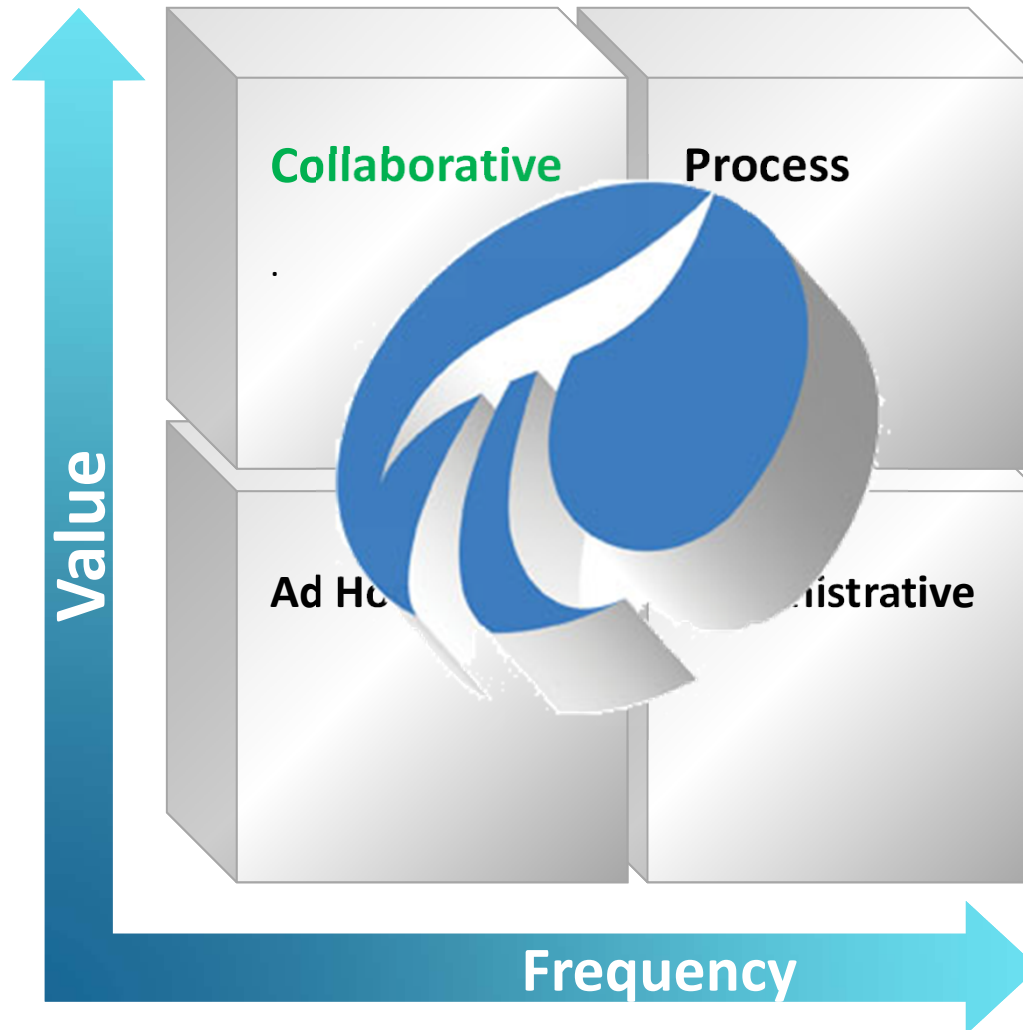
Field Service

Technical Support

# How's your organisation's learning culture?



# The Learning Organisation



## The Value of Data

Accurate  
Available  
Contextualized  
Shared

## *The Fifth Discipline:*

*The Art and Practice of the Learning Organization,*  
Peter Senge 1994

- |                            |                      |
|----------------------------|----------------------|
| 1. Personal Mastery        | Motivation           |
| 2. Mental Models           | Opportunity          |
| 3. Sharing Vision          | Commitment           |
| <b>4. Team Learning</b>    | <b>Skills</b>        |
| <b>5. Systems Thinking</b> | <b>Understanding</b> |

Truly, we are the fish in the water of industrial age assumptions

# Learning in 21<sup>st</sup> Century



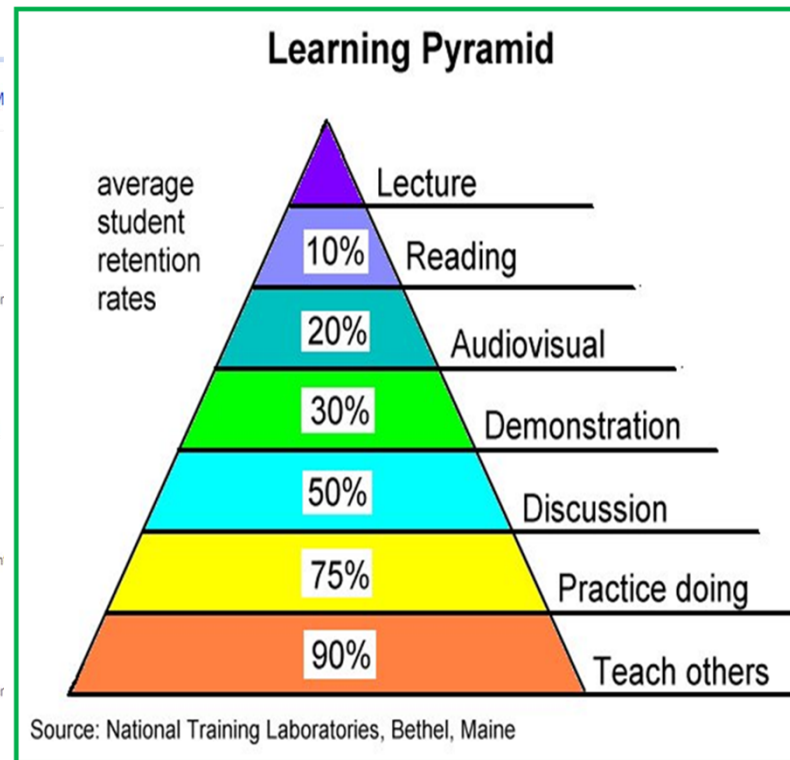
**KHANACADEMY**

World's free classroom at [khanacademy.org](http://khanacademy.org)

"It is our mission to accelerate learning for students of all ages."

YouTube search results for **osisoft**. The search bar shows 'osisoft' with a red arrow pointing to it. The results list several videos:

- Episode 18 - Chill Off 2: OSIsoft** (8:15) by datacenterpulse, 517 views.
- Description of the System [old version]** (8:59) by OSISoftLearning, 1,778 views. A red arrow points to the channel name.
- The Product Roadmap, OSIsoft vCampus Live! 2011** (2:31) by OSISoftLearning, 39 views.
- PI Server 2012 Video Abstract, OSIsoft vCampus Live! 2011** (1:46) by OSISoftLearning, 69 views.





Look at your own data

Create your own reports

Discover the unknown

Share your discoveries

At your site or  
our Learning Centers

Course Schedule Link



<http://learning.osisoft.com>

# OSIsoft Learning Web Site



Sign In

Worldwide Locations  
OSIsoft | Tech Support | OSIsoft vCampus

Learn the PI System

Schedule & Registration

Learning Centers

YouTube Solutions

FAQ

Search

Go

## YouTube Channel Playlist Workbooks

Follow the links below to get directly to Playlists for certain topics that are referenced in some of the videos.

Playlist

Document

[Using OSIsoft's Learning Channel](#) n/a

[PI System Basics](#)

[Clients class workbook\\_v5.1\\_CBT.pdf](#)

[PI Asset Framework](#)

[F1519-AF Essential Skills\\_v1.1\\_cbt](#)

[PI ProcessBook](#)

[Clients class workbook\\_v5.1\\_CBT.pdf](#)

[PI DataLink](#)

[Clients class workbook\\_v5.1\\_CBT.pdf](#)

[PI Notifications](#)

[F1519-AF Essential Skills\\_v1.1\\_cbt](#)

- YouTube Learning Channel
- Custom Playlists
- Video Playlists and Workbooks
- [Solutions for Blocked Users](#)
- White List
- Download the Videos
- Media Player Support

CONTACT US EMAIL FEEDBACK

Documents that

*Did you know we have over 1,000 videos for you FREE on YouTube to teach you everything from a simple trend in PI ProcessBook to more complex PI ACE calculations? Click the link below to check it out.*



see us on YouTube



like us on Facebook



<http://learning.osisoft.com>

## What's Covered

- General Introduction
- PI ProcessBook
- PI DataLink
- PI WebParts
- PI AF
- PI System Management
- PI MCN Health Monitor
- PI SQC Client
- PI Batch
- PI Manual Logger
- PI ACE
- And more.....

Just a browser – [www.youtube.com](http://www.youtube.com)

**On-demand** learning

**Learn** what you want, when you want it, where you are!

From Zero to Hero at **own Pace**

**Pause – Repeat – Practice – Apply - Resume...**

1000+ videos of the latest versions of our products

•**Social media** – n-ways interaction


•Transcription and Translation available




# Osisoft Virtual Campus - vCampus

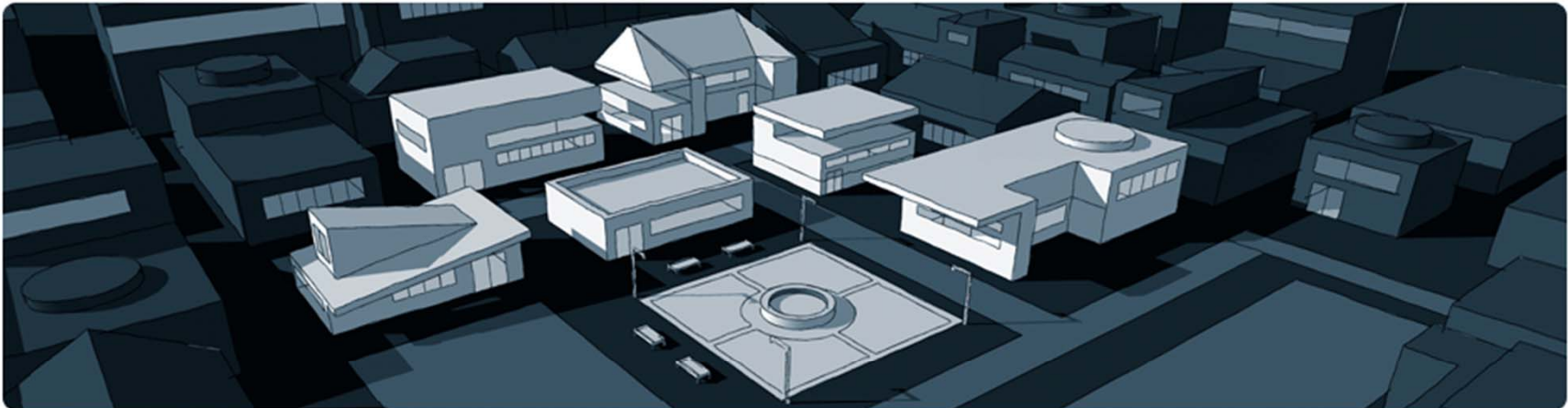


Apply Now | Sign in

 **Osisoft** virtual campus.

 Follow @OSISOFTvCampus

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**WHAT IS OSISOFT VIRTUAL CAMPUS?**

Osisoft vCampus is a **subscription-based**, online offering that consists of providing everything you need to **develop applications** on the PI System. This **community-oriented** program provides:

**EVENTS**

**[01-Feb-12]** vCampus webinar: **The PI System and PowerShell: The life of the PI System Admin just got easier. Register now!**

**NEWS**

**[7-Dec-11]** PI Server 2010 R3 and PI Coresight are now released and available in the Download Center!

# ONLINE RESOURCES – vCAMPUS COMMUNITY

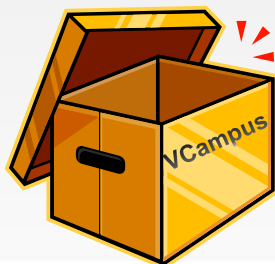
**OSI**soft Servers

**OSI**soft Clients & Interfaces

**OSI**soft Data Access

**OSI**soft Online Resources

**OSI**soft Community



Forums & Blogs

Webinars

Documentation

Technical Articles

Virtual Labs  
Environment

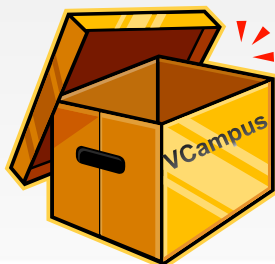


<http://vcampus.osisoft.com>

# ONLINE RESOURCES – vCAMPUS COMMUNITY

## OSIsoft Servers

PI Server  
AF Server + Event Frames  
PI Notifications  
PI ACE  
PI for Streamlight



Forums & Blogs

Webinars

Documentation

Technical Articles

Virtual Labs  
Environment

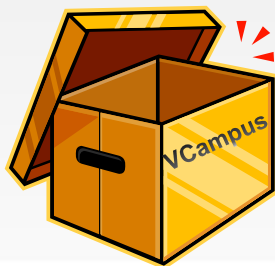


<http://vcampus.osisoft.com>

# ONLINE RESOURCES – vCAMPUS COMMUNITY

## OSIsoft Clients & Interfaces

PI Process Book  
PI Datalink  
PI WebParts  
PI Interfaces  
PI ActiveView



Forums & Blogs

Webinars

Documentation

Technical Articles

Virtual Labs  
Environment



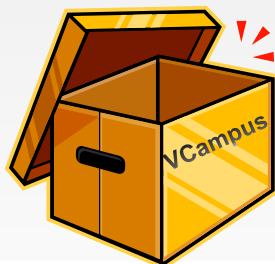
<http://vcampus.osisoft.com>

# ONLINE RESOURCES – vCAMPUS COMMUNITY

## OSIsoft Data Access

PI SDK  
AF SDK  
PI OLEDB  
PI OPC

PI JDBC  
PI OPC UA  
PI Web Services



Forums & Blogs

Webinars

Documentation

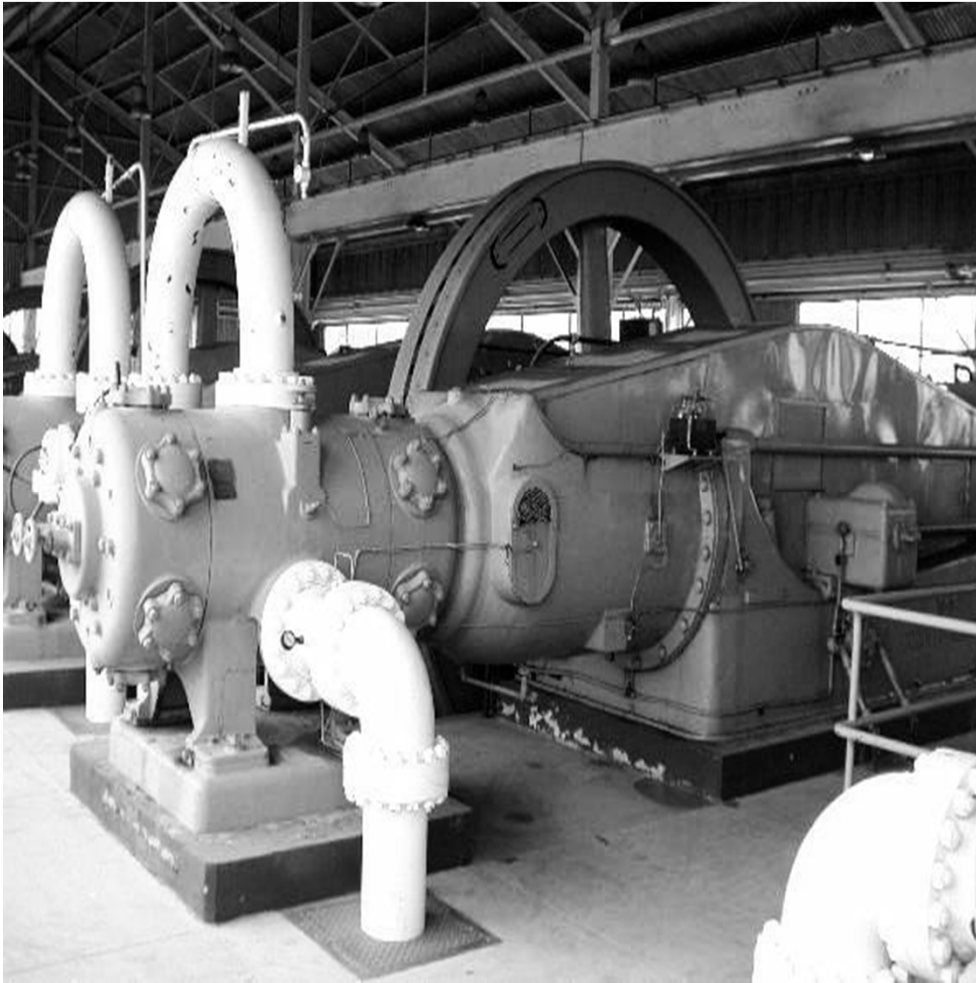
Technical Articles

Virtual Labs  
Environment



<http://vcampus.osisoft.com>

# PI Asset Framework



## *Natural Gas Compressor*

- RPM
- Fuel consumption rate
- Exhaust temperature
- Oxygen sensor

*PI Tags*

- Flow in
- Flow out
- Pressure differential

*Calculations*

- Last service date
- Service type
- Mfr documentation

*External Database*



# vCAMPUS EVENT FRAMES INTRO

[HTTP://WWW.YOUTUBE.COM/WATCH?V=QEK2UQQCLDs&FEATURE=YOUTUBE\\_GDATA](http://www.youtube.com/watch?v=QEK2UQQCLDs&feature=youtu.be)

YouTube



Browse

Upload



NickSteadZA

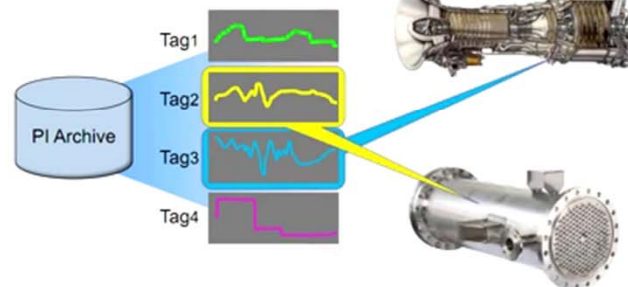
## PI Event Frames Video Abstract, OSIssoft vCampus Live! 2011

OSIssoftLearning

Subscribed

1,138 videos

Assets help you find the right Tags



Like Add to Share

272 views

Uploaded by OSIssoftLearning on Sep 24, 2011

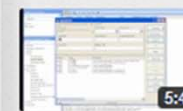
1 likes, 0 dislikes



PI Event Frames in a Non-Batch Manner, by OSIssoftLearning 234 views



Machine Learning for Prediction Video by OSIssoftLearning 327 views



OSIssoft: Exercise to track time triggered by OSIssoftLearning 141 views



OSIssoft: Introduction to PI Coresight by OSIssoftLearning 2,595 views



UC2011 Day2 PICoresight OSIssoft PART ONE by osidev 379 views

# Why vCampus



- Faster time to market
- Collaboration (Others did it... others know it...)
- Closer relationship with OSIsoft
- Developers, Product Managers, PI Admin, PI Super Users,
- Get heard (Feedback - Development)
- Be the first to know
- Exclusive content
- Enabling a Learning Organisation



<http://vcampus.osisoft.com>



# vCampus Special Offer for PI Users

## 40% off annual subscription 2012



- Registered with OSIsoft SSO - single sign on
- Unregistered



OSIsoft vCampus



New OSIsoft SSO Register

See Nick for  
details and code

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OSIsoft virtual campus.

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Thank you

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777 Davis St., Suite 250 San Leandro, CA 94577