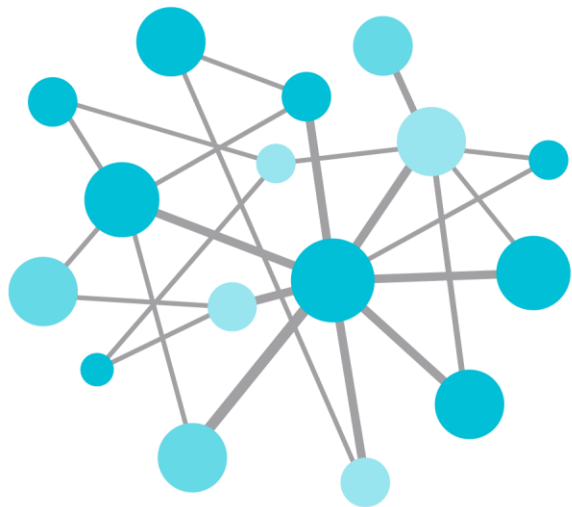# PI Developer Platform: Evolution of the OSIsoft Developer Community And What You Need To Know

Presented by **Bachir El Tannir**
Project Manager, Systems Engineering
OSIsoft UK Limited, Dubai
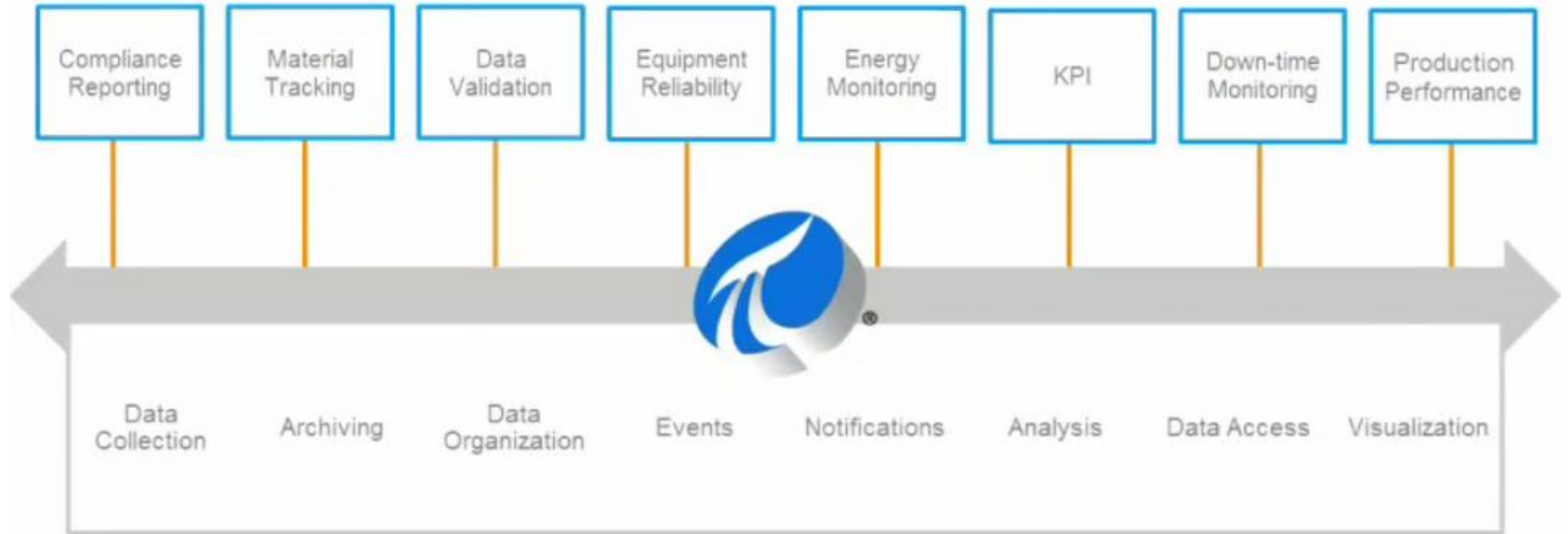
2

Agenda

- **Review changes to developer technologies**
- **Review related changes to vCampus & Technical Support**
- **Discuss reasons behind change**
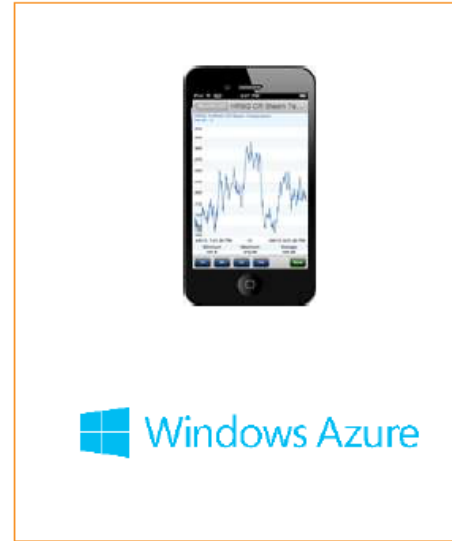
Working Together for Customer Value
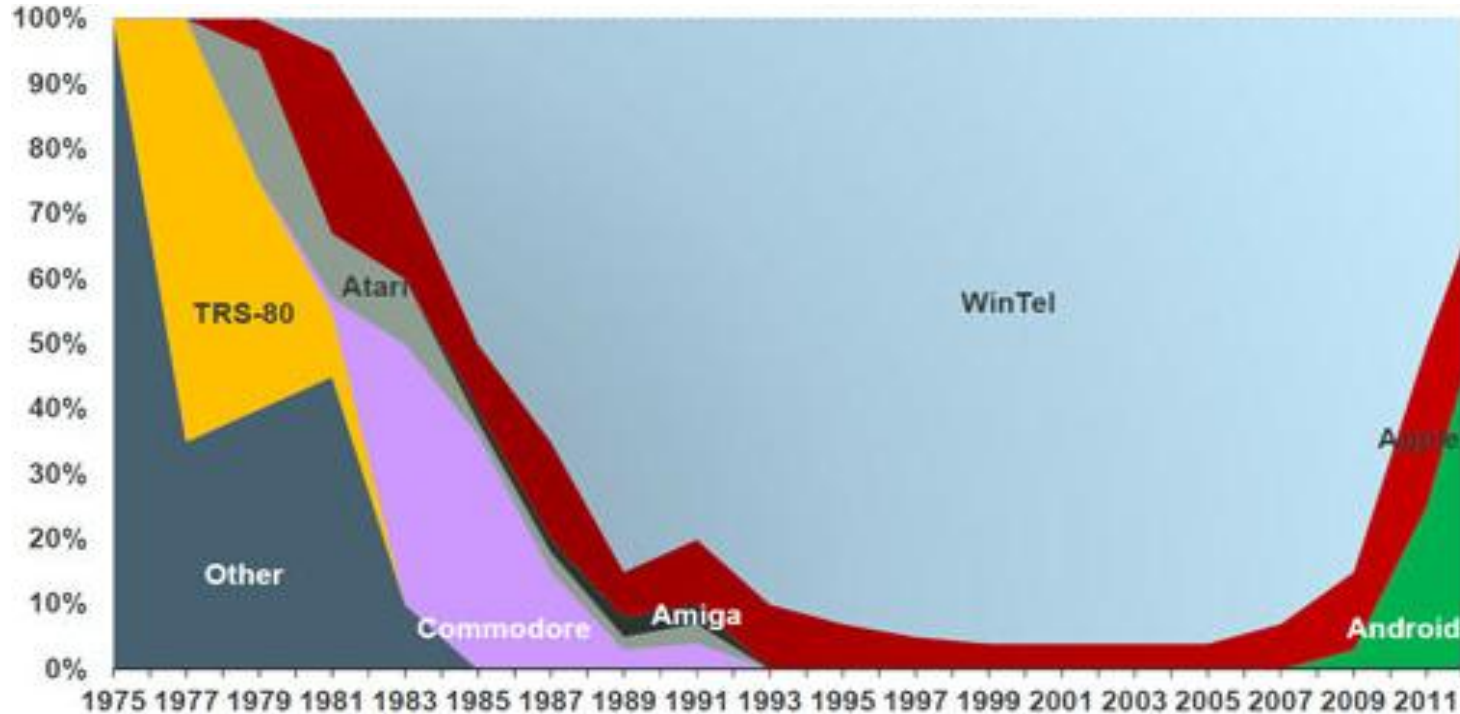
Evolving Technology Landscape
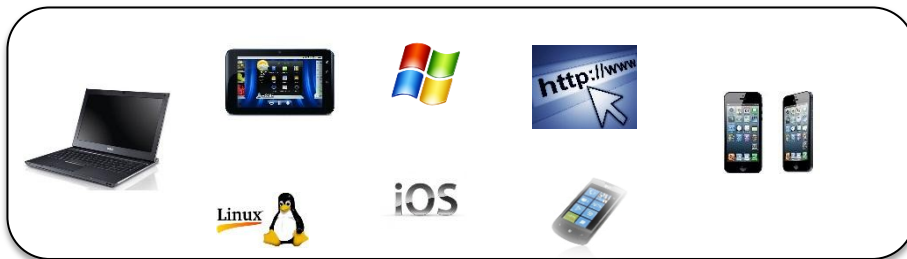
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Adoption of Devices

In other words...
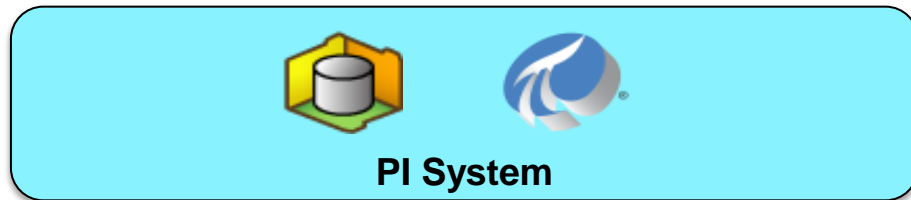
We need to connect
applications running on
these devices and platforms ...

with this ...

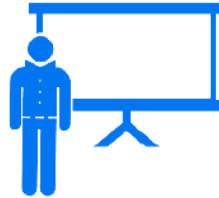**PI System**

from here...

In light of this evolution...

- **Focused on the right technologies?**
- **Support structures appropriate, efficient, and modern?**

PRODUCTS

SERVICES

PARTNERSHIPS

Assessing our Developer Technologies

- **Position in technology lifecycle**
- **Mechanics associated with gaining access and licensing**

Innovation State

Active	Mature	Deprecated
• **New features are being developed** • **Fully supported** • **Modern technologies that support the technical shift**	• **Don't envision adding any new features** • **Fully supported** • **Continue to serve a vital role in the PI System**	• **Legacy technologies** • **Superseded by a more powerful and modern option**

License Type

Open

- **Developer documentation made publicly available**
- **No fee associated with the license (free of charge)**
- **vCampus membership no longer required**

Restricted

- **Extend the PI System's internal behaviors**
- **Establish a more controlled development environment.**

Publish a Categorization Table

License Type	Innovation State		
	Active	**Mature**	**Deprecated**
Open	PI AF SDK PI Web API Etc.	PI Web Services Etc.	
Restricted			

What's next?

```
4    ' the authenticated PIUser or PIIdentities (connection property)
5    Dim credentials As String
6    Dim identityList() As String

8    ' the variables to hold the security attribute value of the PIPoint and to parse it
9    Dim accessControlList() As String
10   Dim accessControlEntry() As String
11   Dim piIdentity As String
12   Dim permission As String
13   Dim i, j As Integer

15   If Not svr.Connected Then
16       svr.Open
17   End If
18   credentials = svr.CurrentUser
19   identityList = Split(credentials, " | ")

21   MsgBox "Credentials of the current connection: " & vbCrLf & svr.CurrentUser

23   Dim pt As PIPoint
24   Set pt = svr.PIPoints("cdt158")

26   ' get the security attribute of the PIPoint
27   Dim ptattr As PointAttribute
28   ' for PI Server version 3.4.375.xx and below, use dataaccess attribute
```

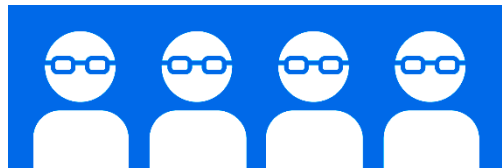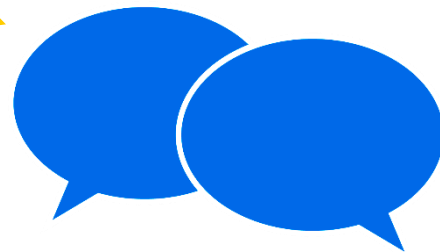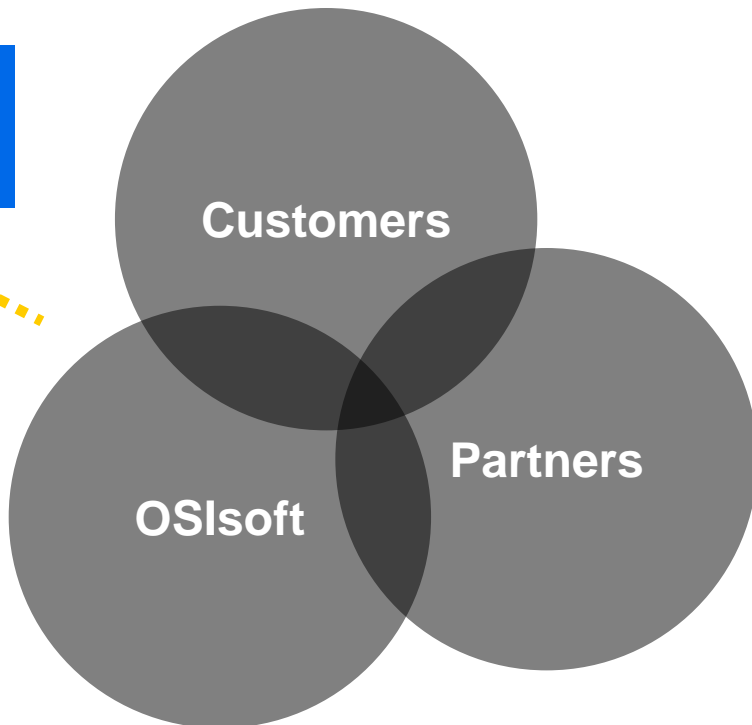| Develop in-house?	Customize for a customer?
Proof of concept	Integration needs
Brainstorming	Best architecture

Why?

- **Lower barrier** to entry
- **Deliberate and well communicated progressions for categories**
- **Enhanced customer support**
- **More prolific developer community**
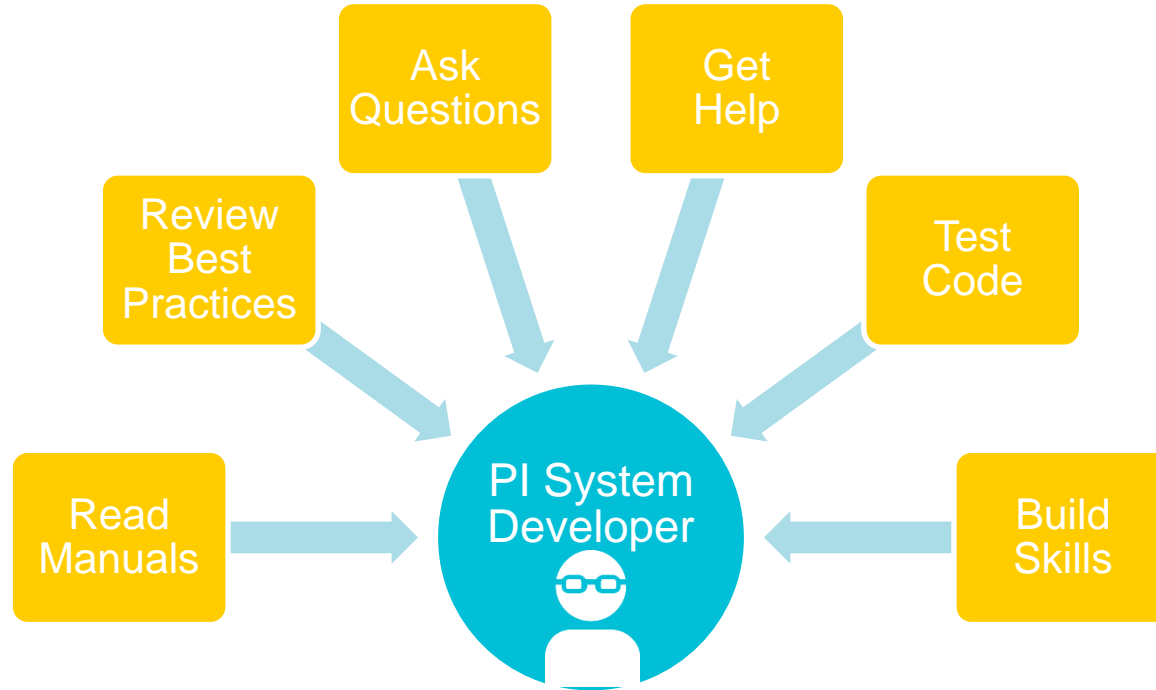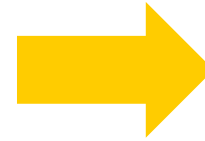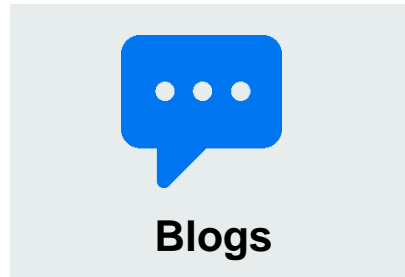
PI Developers Club

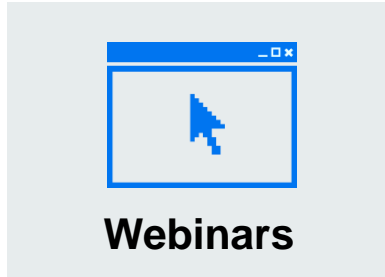**Customers**

OSIsoft

Partners

PI Square

Coming Soon!

15

Developers Community Enables

New Model – Public Piece

Forums

Manuals - Papers

Webinars

Blogs

Open to all!
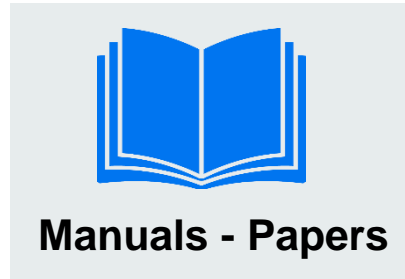
New Model – Paid Piece
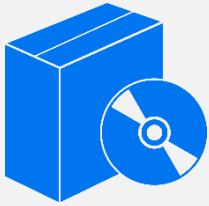
| Development System | Virtual Learning Environment | Exclusive Insight into Products | VIP **New!** Priority Developer Support | **New!** Member Discounts | **New!** Community Recognition |

Technical Conference joins the UC

PI System Business User

PI System Administrator
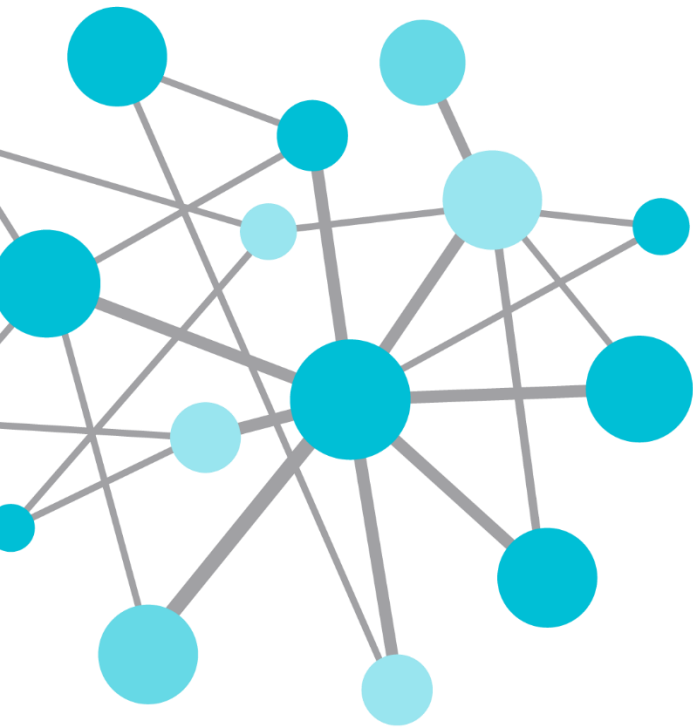
PI System Developer /
PI System Partner

} **Many PI System Users,
One event
Starting in 2015**

Bachir El Tannir

meltannir@osisoft.com

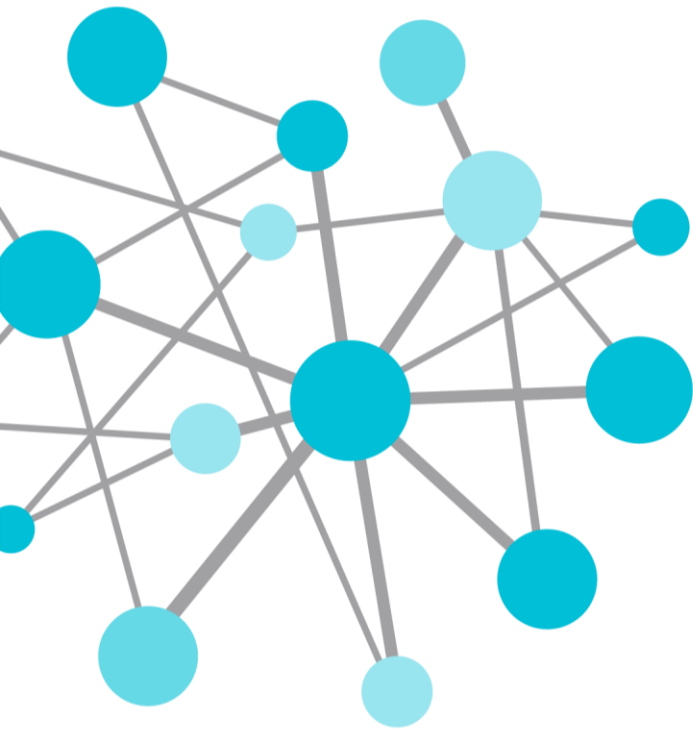Project Manager, Systems Engineering

OSIsoft UK Limited, Dubai - UAE

Questions

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the **microphone**
before asking
your questions

State your
**name &
company**

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