eWON
MACHINES CAN TALK

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Technical Support Engineer

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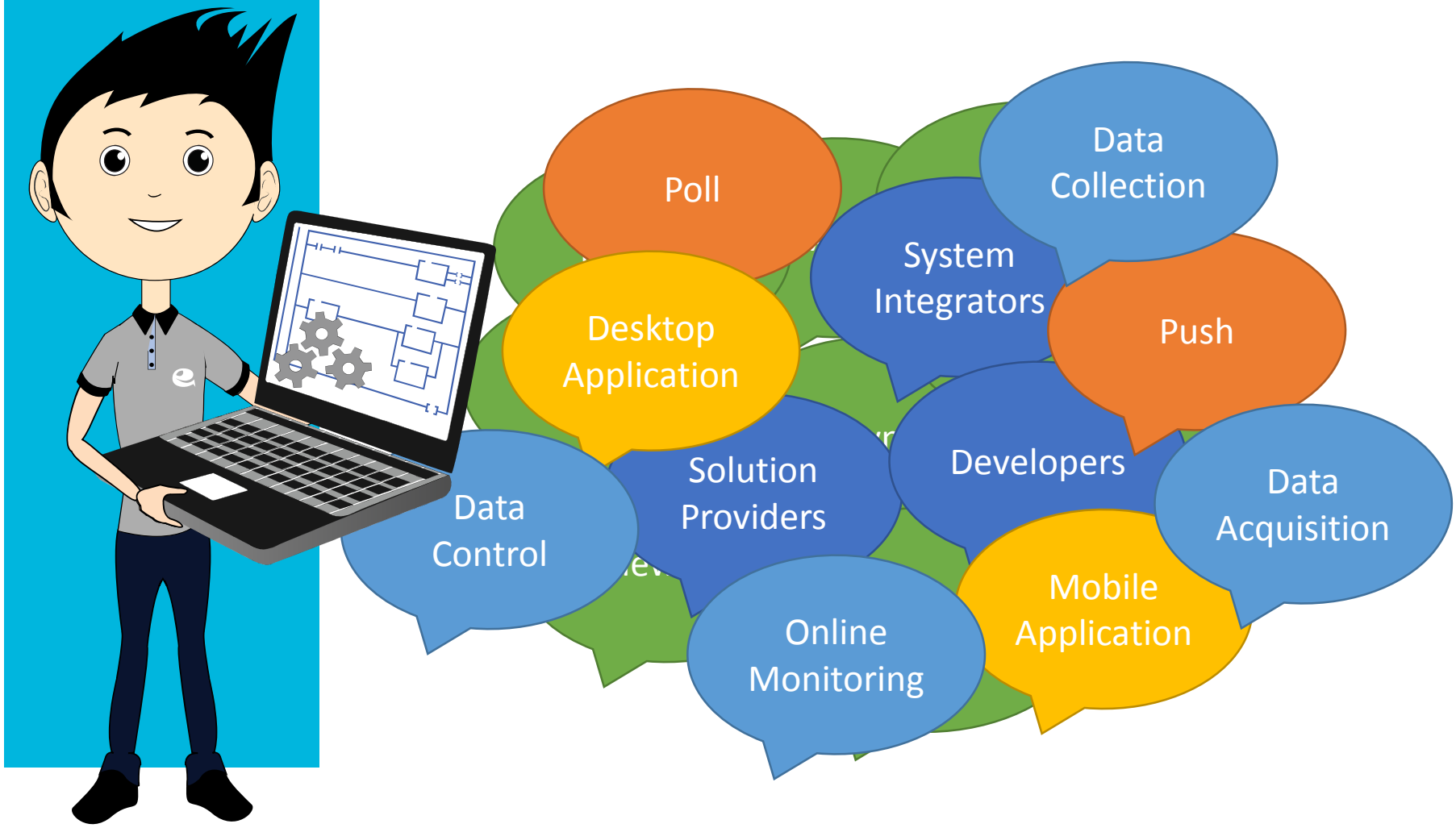
Software R&D Manager

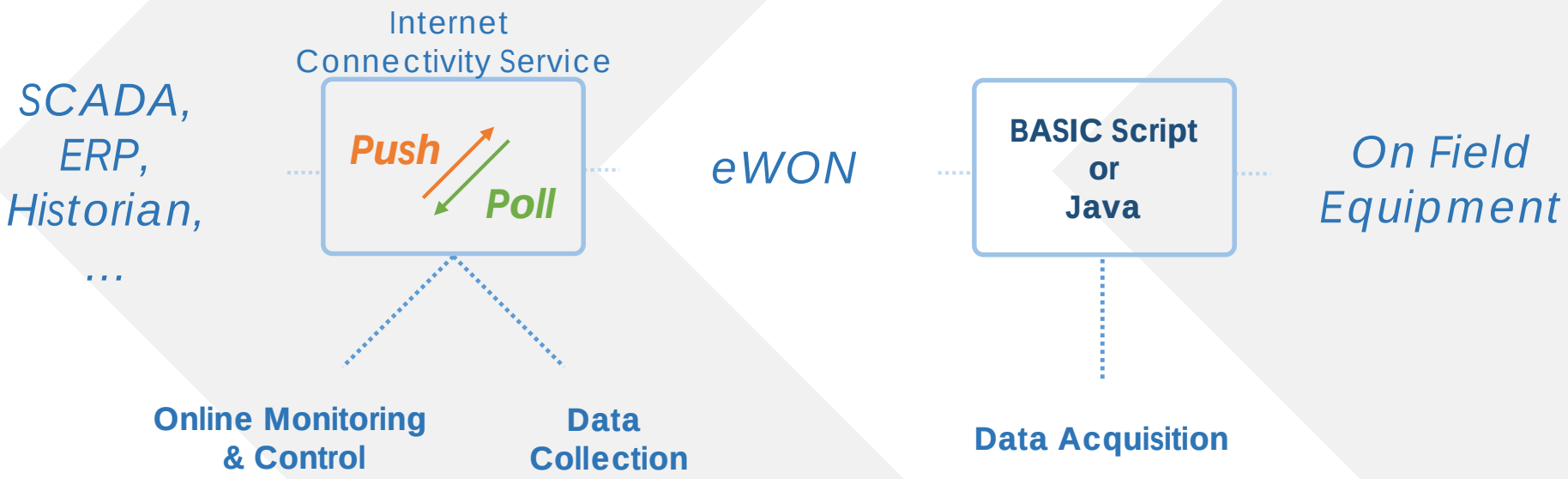
eWON
MACHINES CAN TALK

Technology Wrap-up

Flexthink!
Conference
for Developers

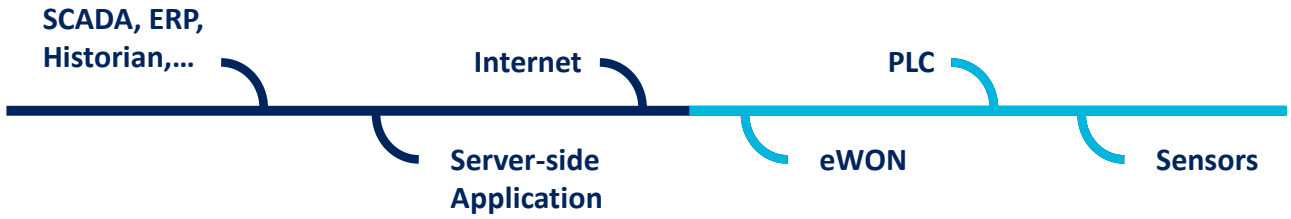
So resourceful




SCADA,
ERP,
Historian,
...
Internet
Connectivity Service
Push
Poll
eWON
BASIC Script
or
Java
On Field
Equipment
Online Monitoring
& Control
Data
Collection
Data Acquisition

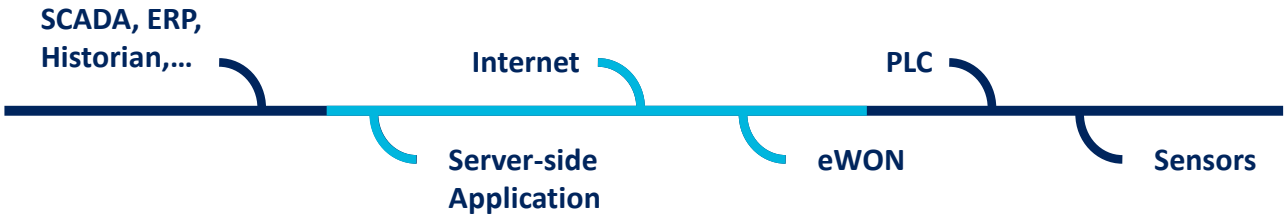
Data Acquisition

- **Standard IO Servers**
  - Wide range of PLC protocols available
- **BASIC**
  - BASIC custom I/O servers
  - Application automation
  - New browser-based IDE for your BASIC code
- **Java**
  - Advanced custom I/O server
  - Advanced processing
  - Advanced communication with servers



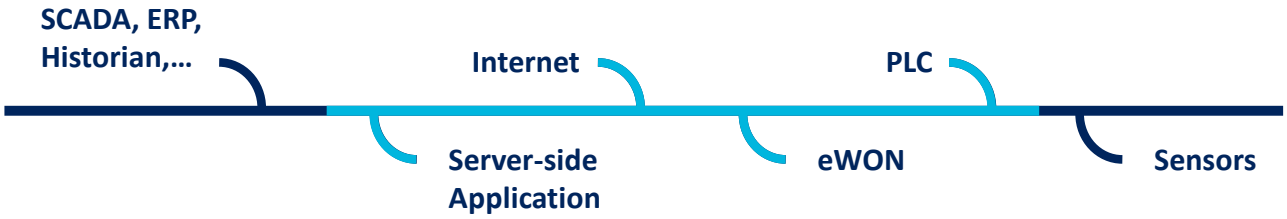
Internet Connectivity Service

- **Direct Outgoing Connection**
- **eFive**
  - Appliance. Permanent connections
  - Requires minimal IT admin
- **Talk2M**
  - Cloud service
  - Easy to use, reliable, secure, many services
  - No IT, no admin required



Online Monitoring *& Control*

- **M2Web API**
  - Custom Online Monitoring applications
  - HTTPS-based RESTful API
  - C# M2Web Library for easier .NET development
  - Polling-based technology
  - Compatible with mobile platforms
  - Control applications: Read AND write



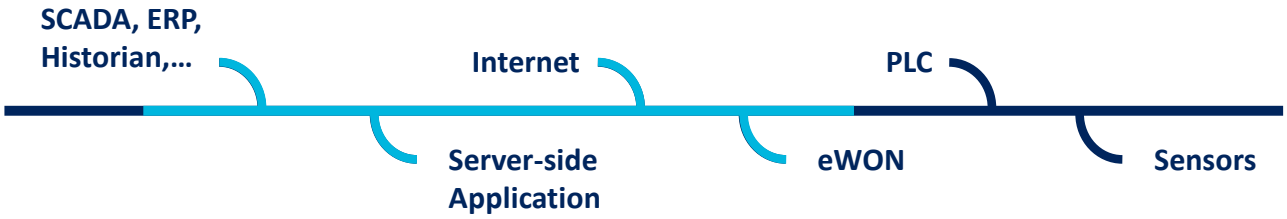
Online Monitoring *& Control*

- **viewON 4**
  - o eWON embedded HMI
  - o Custom dashboards stored in eWONs
  - o Compatible with all platforms

  - o Improved support for mobile platforms
  - o User rights for pages and their components
  - o Easy client-side scripting for actions and animations

Data Collection

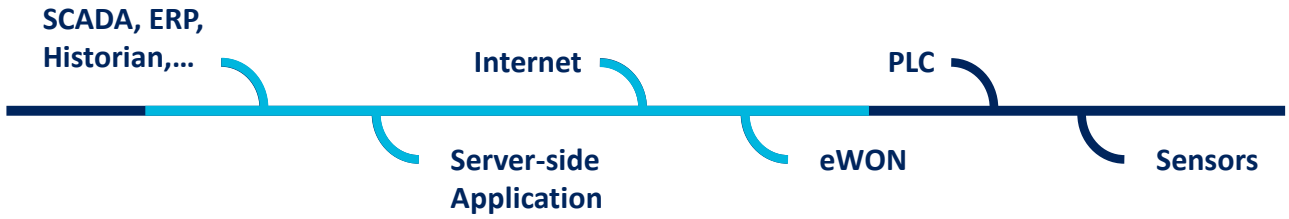
- **eSync**
  - Software appliance
  - eWONs push their data into eSync (Temp DB)
  - Custom app exports data to your Historian, … (SQL)
  - Supports Talk2M, eFive and direct Internet connections



* eWON Certified System Integrators

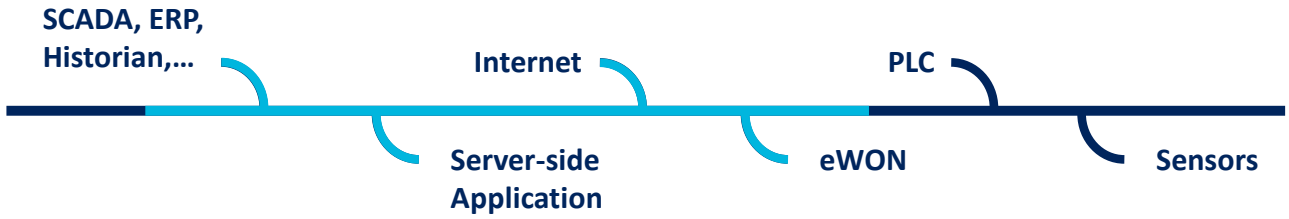
Data Collection

- **M2U**
  - PutHTTP (Basic or Java) in a secure SSL tunnel
  - Helps eWON reach your own Web server
  - Push data from eWON to customers' web server



Data Collection

- **DataMailbox**
  - eWONs push their data into Talk2M
  - Synchronize data with Historians, SCADA,...
  - Super-easy HTTPS RESTful API: DMWeb
  - Combination of Push and Pull technology
  - Can be combined with eSync for easier IT integration of eSync



Direct Internet

Web Server (eSync or custom)

PutFTP - PutHTTP

Data Collection

eFive – VPN

Web Server (eSync or custom)

PutHTTP

Data Collection

Browser

viewON

Online Monitoring *& Control*

SCADA Software

Automation Protocols

SCADA, Historians, ERP…

Talk2M – VPN

DMWeb API

DMWeb (HTTPS)

Data Mailbox

Data Collection

Web Server (eSync or custom)

M2U (HTTPS)

M2Web API

M2Web (HTTPS)

Online Monitoring *& Control*

Browser

viewON

Easy to set up

Mobile platform

SCADA,
Historians,
ERP…

Direct Outgoing Connexion

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(eSync or custom)

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Data
Collection

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Browser

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viewON

Data Collection

Online Monitoring *& Control*

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M2Web API

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Mailbox

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viewON

M2Web (HTTPS)

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Online Monitoring *& Control*

Browser

viewON

Easy to set up

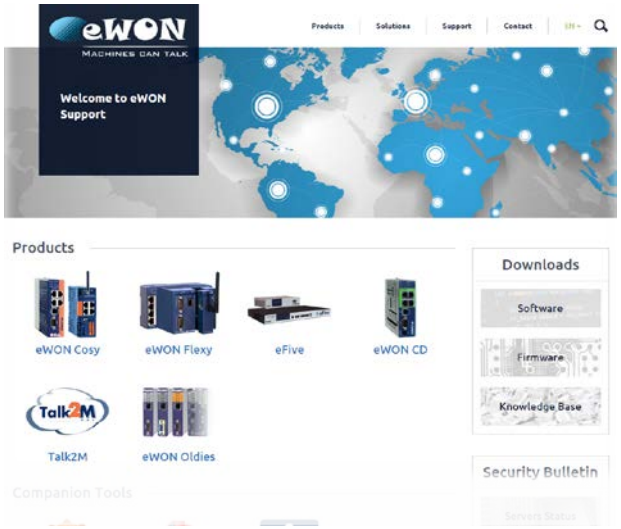
Mobile platform

Want to learn more?

http://developer.ewon.biz

eWON websites

support.ewon.biz



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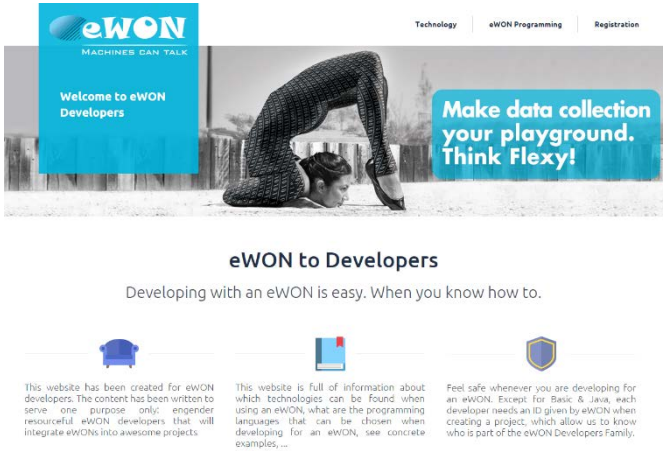

Welcome to eWON Support

Products

eWON Cosy

eWON Flexy

eFive

eWON CD

Talk2M

eWON Oldies

Companion Tools

eBuddy

eCatcher

eGrabit

eSync

eVCOM

viewON

Downloads

Software

Firmware

Knowledge Base

Security Bulletin

Servers Status

Security Reports

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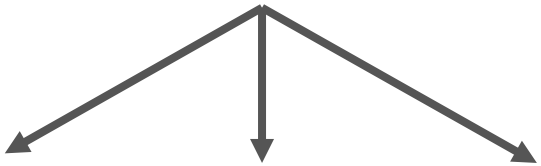
eWON to Developers

Developing with an eWON is easy



Technology

Book of Knowlegde

Programming

Docs + Code

Registration

Be part of the family

eWON
MACHINES CAN TALK

Thank You!

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Flexthink!
Conference
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