WEBridge 4 SAP

Presented by: Sreeni

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Contact

Adroitec Engineering Solutions Pvt Ltd

www.adroitecengg.com

K.R.Kumarsamyraja
General Manager Enterprise Technologies
M:+91-9282101040
ks.raja@adroitecengg.com

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Windchill and ERP integration
Products

WEBridge 4 SAP
v 3.0 (RTM)

WEBridge 4 EBS
v 2.0 (RTM)

WEBridge 4 Infor LN

WEBridge 4 Web Services

WC ESI Monitoring Tool   v 1.0

[WEMT v1.0]

About WEBridge

- WEBridge is acronym name for Windchill and ERP systems Bridge.

    – GUI and web based.

    – Using java and xml only.

    – Running on custom http port.

    – 2 Tier Architecture.

    – Highly secured data transfer.

    – Works for multiple ERPs too.

    – Works with Windchill 10.x and 11.x too.

    – Works with WC 10.x/11.x ESI and WC 10.x/11.x ERP connector too.

    – Works with SAP ECC 4/5/6 and SAP HANA too.

Pre Requirements

- Software:
    - Windchill 10.x/11.x
    - PDMlink 10.x/11.x
    - ERP Connector 10.x /11.x
    - Enterprises Systems Integration (ESI) 10.x/11.x
  - Apache Tomcat 7
  - JDK 1.7
  - SAP JCo 3.x

- Operating System:
  - All Windows (32/64 bit)

- Hardware:

  Processor: Xeon 2 core/ Intel i7/ Intel i5

  RAM: 4 GB

  Hard Disk: 50 GB

What are the Benefits

- Highly cost effective
- Very much light, below 100MB size
- High performance
- Lightly coupled.
- Plug and play.
- Its uses and developed
  - Web Service
  - XML
  - Java
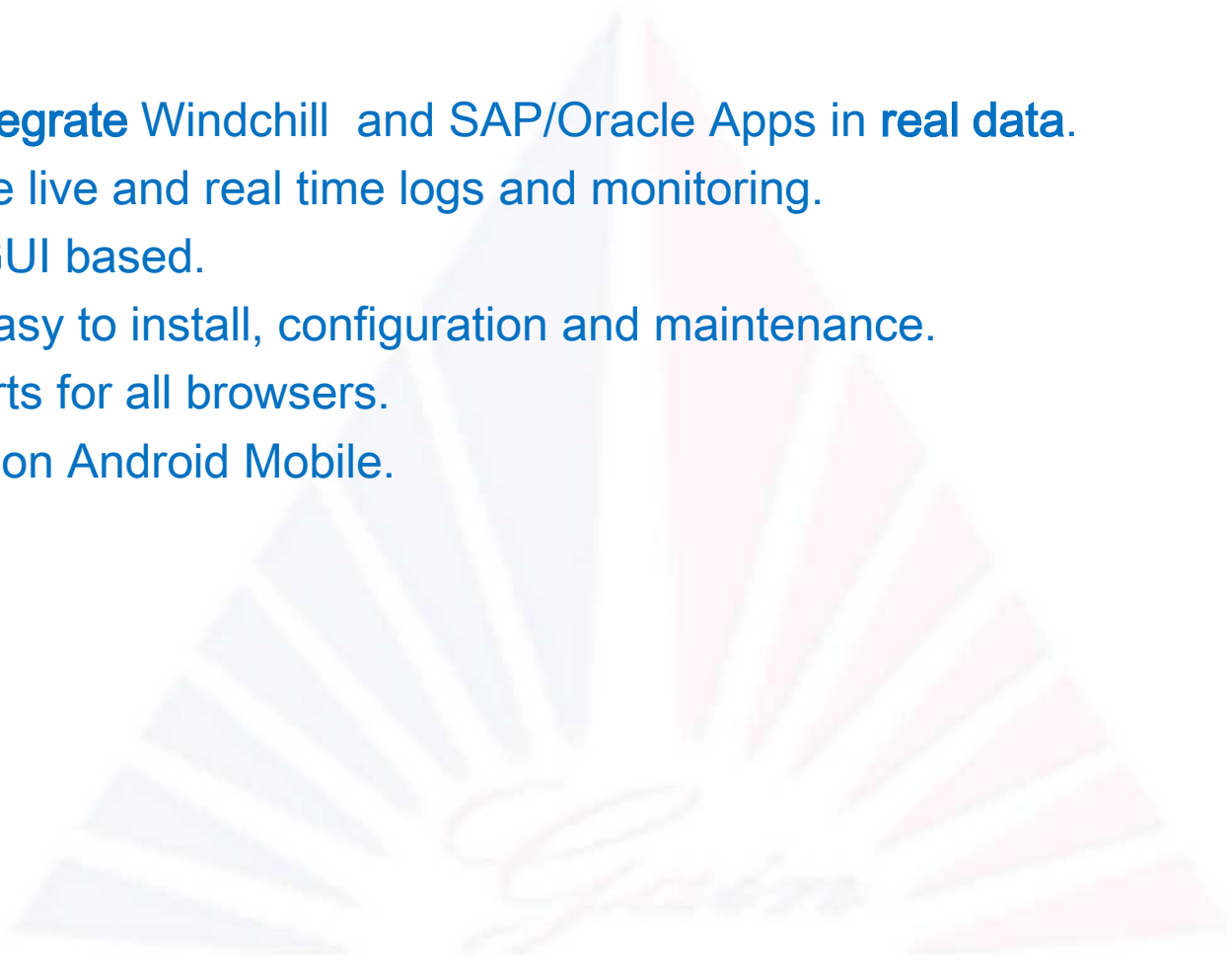 - JSP
  - JMS
  - C & C++

What are advantages

- End to End integration OOTB solution.

- Easy to
  - customize
  - maintain
  - monitoring and debugging

- Complete closed loop transaction maintenance.

- Email notification for each transaction.

- Static Log viewer and graphical view
  - For Over all
  - For Transaction wise

- Real time Log viewer and graphical view
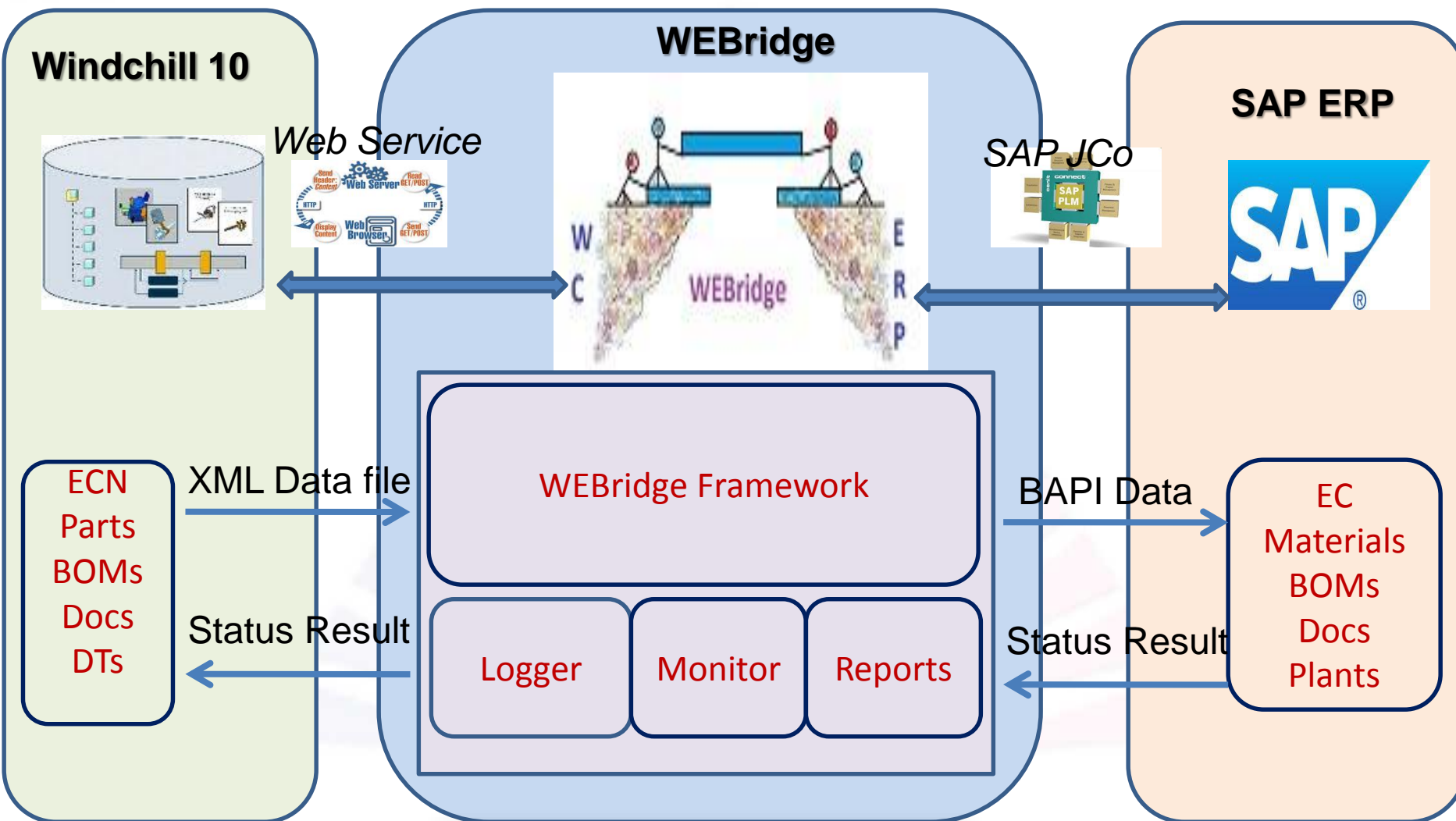 - For Over all
  - For Transaction wise

What are features

- Will **integrate** Windchill and SAP/Oracle Apps in **real data**.

- Provide live and real time logs and monitoring.

- Fully GUI based.

- Very easy to install, configuration and maintenance.

- Supports for all browsers.

- Works on Android Mobile.

Architecture

Windchill 10

WEBridge

SAP ERP

Web Service

SAP JCo

WEBridge

| ECN Parts BOMs Docs DTs | | WEBridge Framework | | EC Materials BOMs Docs Plants |

XML Data file

BAPI Data

Status Result

Status Result

| Logger | Monitor | Reports |

Mile stones

- Windchill to SAP
  - ECN
  - Parts
  - BOM (Eng. / Mfg.)
    - Components
    - Substitutes
    - Reference Designators

- SAP to Windchill
  - ECN - updates
  - Parts - updates
 - BOM – updates

License

- Included
  - Its life time and single license per organization only.
  - Unlimited user access.

  - Installation and implementation.
  - Support and maintenance for First year .

- Excluded licenses
  - Windchill 10.x/11.x
  - Windchill ESI or ERP connector
  - SAP ERP
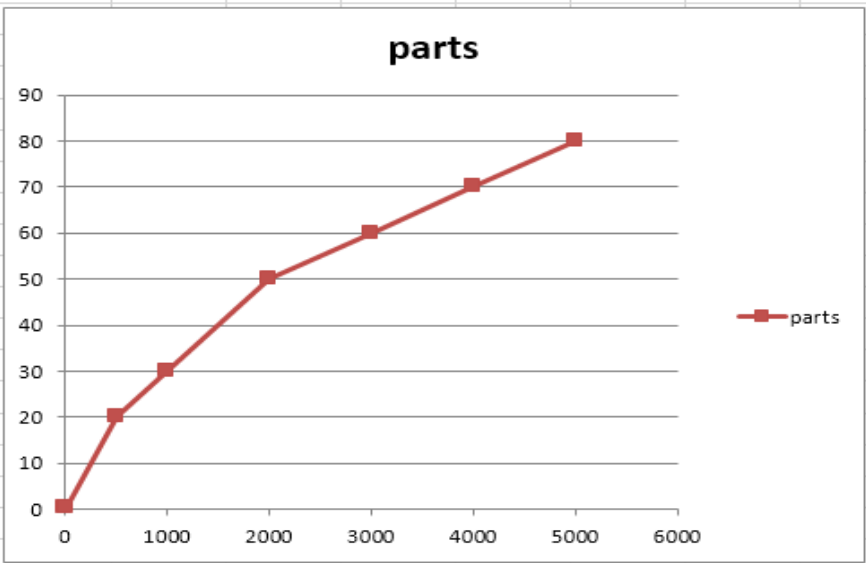 - SAP Jco 3.x
  - Apache Tomcat 9.x

Performance Report

Parts	BOMs	Time(Min)
1	0	0.25
10	1	0.5
500	7	20
1000	7	30
2000	7	50
3000	7	60
4000	7	70
5000	7	80

BOMs
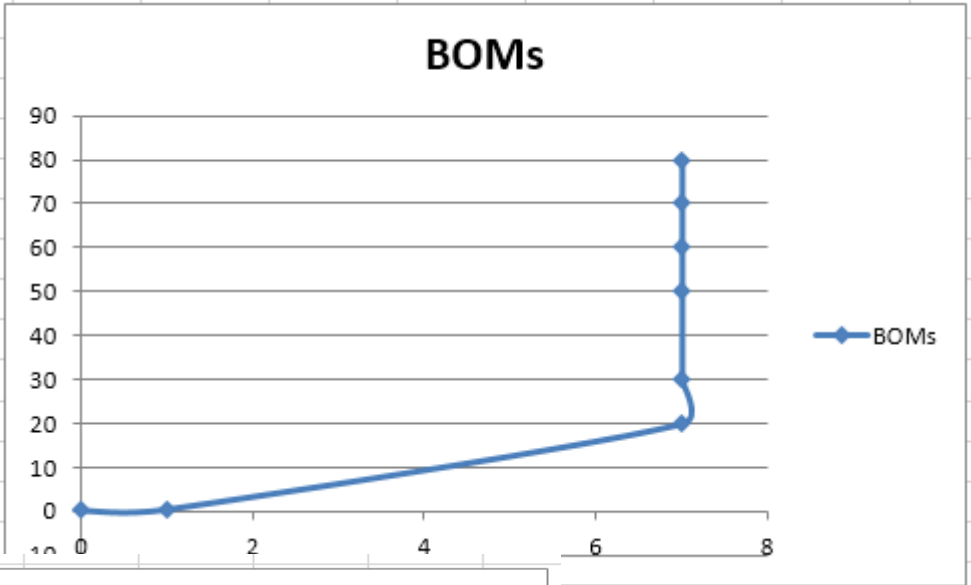
Tra No	931
Parts	Time
550	1:30
575	1:40
595	1:50
615	2:00
633	2:10
650	2:20
670	2:30

parts

ROI

	WEBridge	P E	K I	Save in %
Licence Cost	25	60	50	50
Implimentation	25	150	125	75
Maintance				
1st Year	12	24	24	50
2nd Year	6	24	20	75
3rd Year	6	24	20	75
No of Users Licence	0	50	50	100
Total (in Lacks Rs)	74	332	289	400

Licence & Implimentation

Maintance for 3 year

Total Cost for 3 years

More info

Youtube   https://www.youtube.com/user/MrGandhavalla/videos

Linkedin

http://www.linkedin.com/groups/GAIN-Gandhavalla-Informatics-Pvt-Ltd-6638284

Slideshare   http://www.slideshare.net/sreenivasulugandhavalla

Facebook   https://www.facebook.com/gainformatics
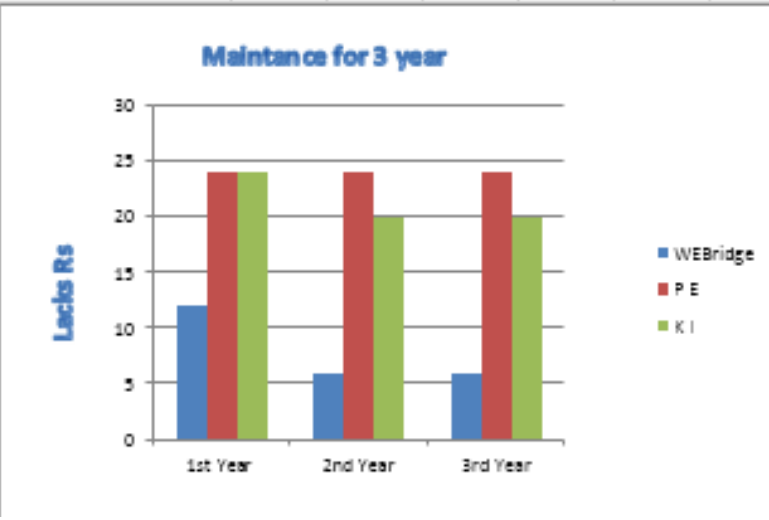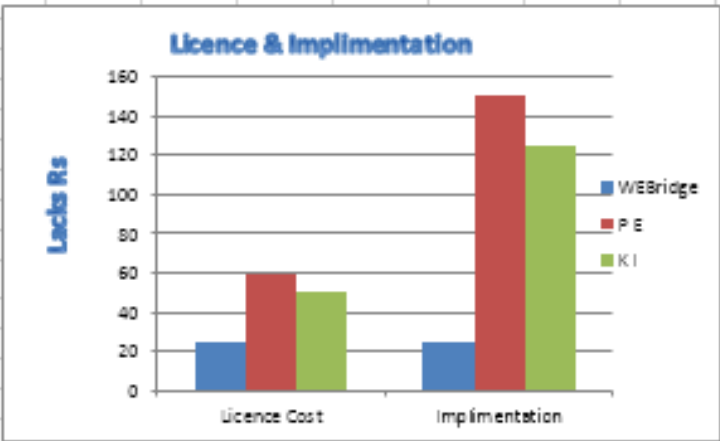
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With warm regards

Sreeni

Sreenivasulu Gandhavalla | esisreeni@gainformatics.com

Mobile: +91 890-400-4246 | USA Office: +1 226-444-4246

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