

Performance Toolkit for Shift Teams, Enabled by the PI System

Presented by:

eschbach

2005

Founded in Germany,
Office in Boston, USA



21

Countries with
Implementations



35,000+

Users around the globe
In all languages

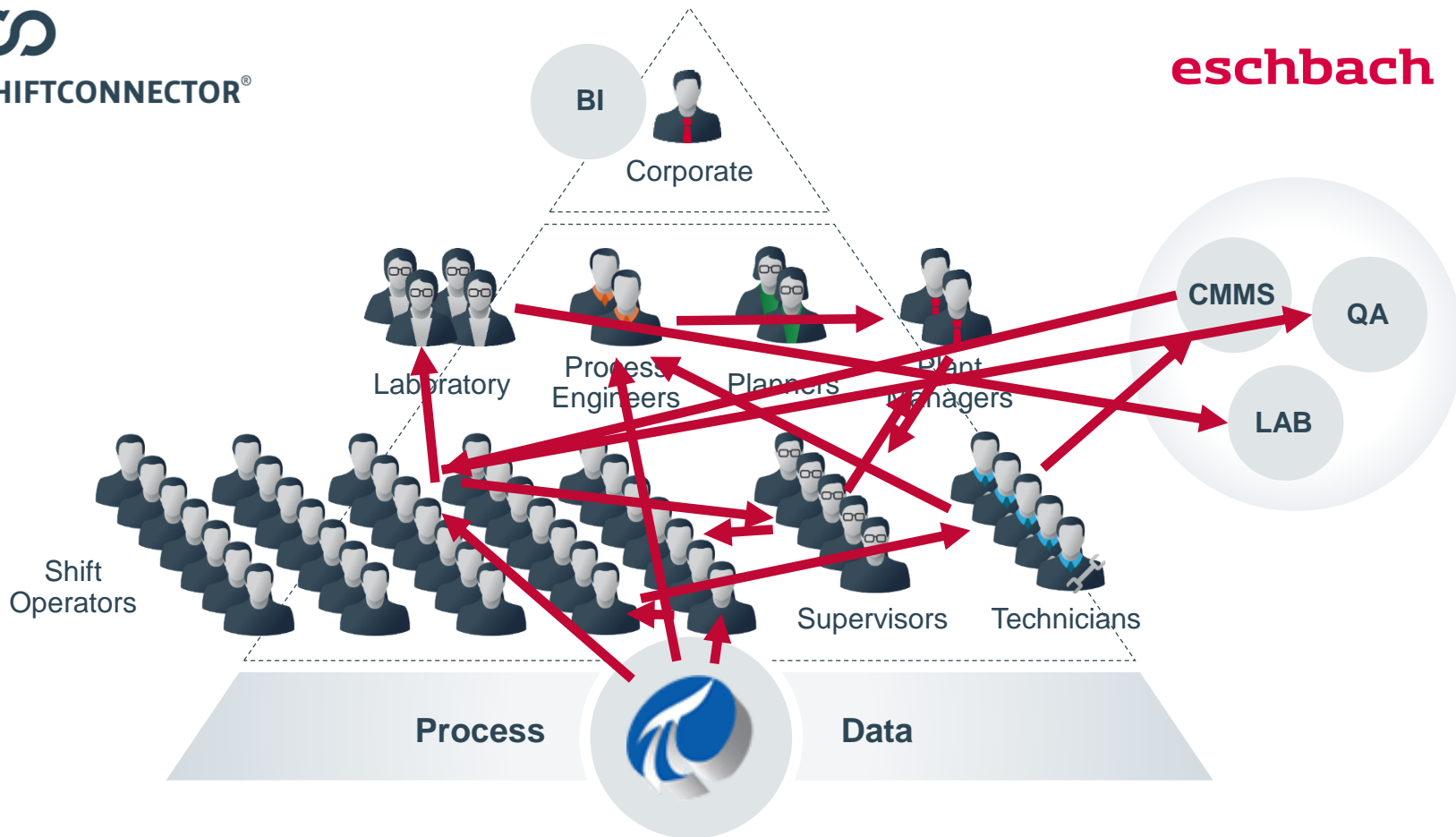


OSIsoft®
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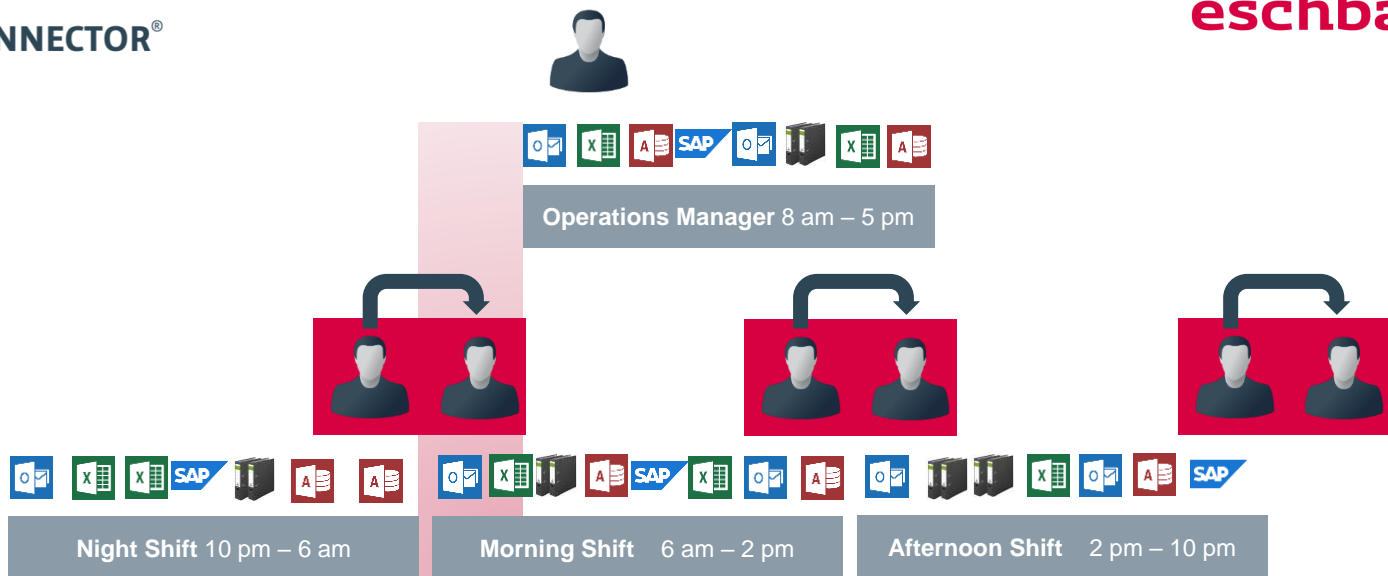
eschbach

Global Process Manufacturers Rely on eschbach Solutions









A Single Point of Truth

Shift Handovers

Event Records

Instructions

Routine Tasks

Morning Meetings

Collaboration & Performance with Shiftconnector

OEE Tracking

Process Analysis

Continuous Improvement

A Performance Toolkit for Stora Enso Langerbrugge, Belgium

“Digitalization, automatization and increased production call for a big effort from our employees –
a smart factory needs smart workers.”

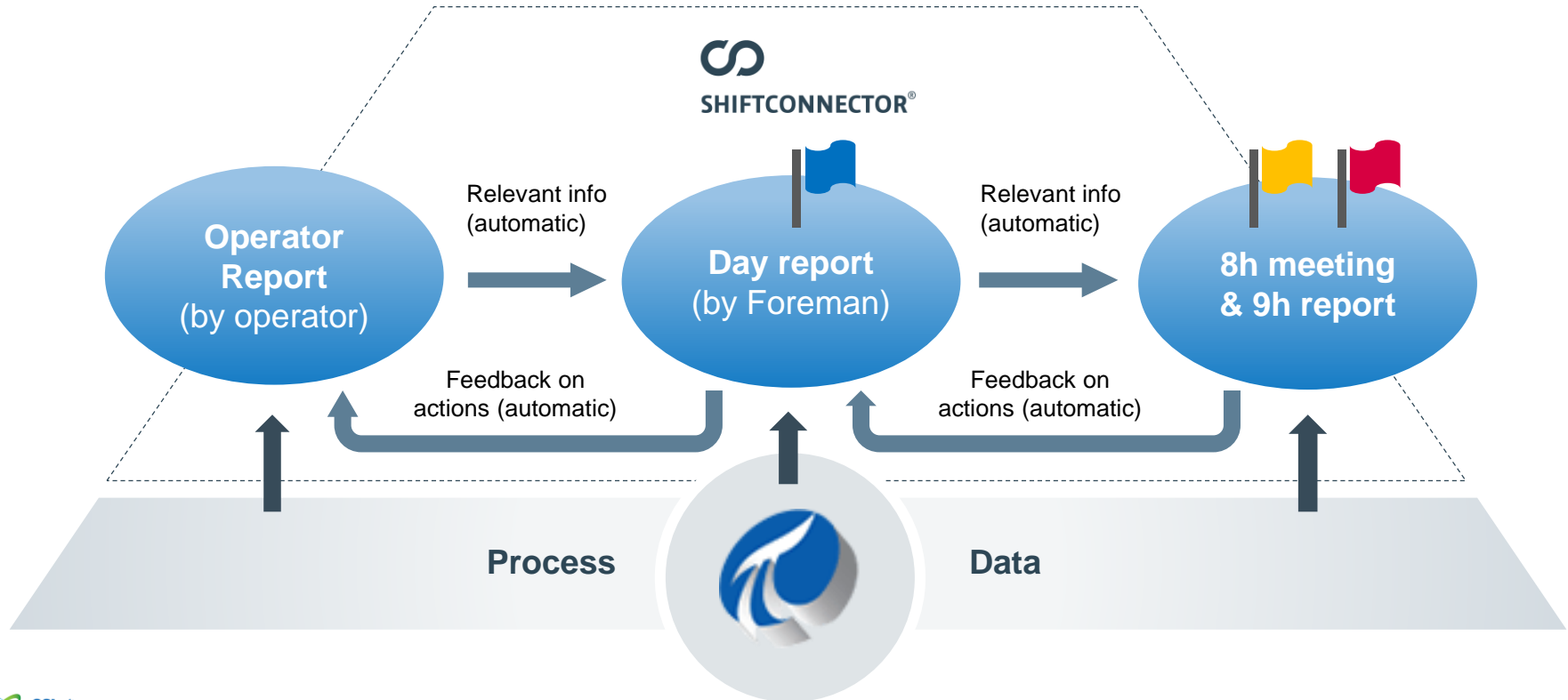
*Chris De Hollander
Mill Manager, Stora Enso Langerbrugge, Belgium*

Control
Room

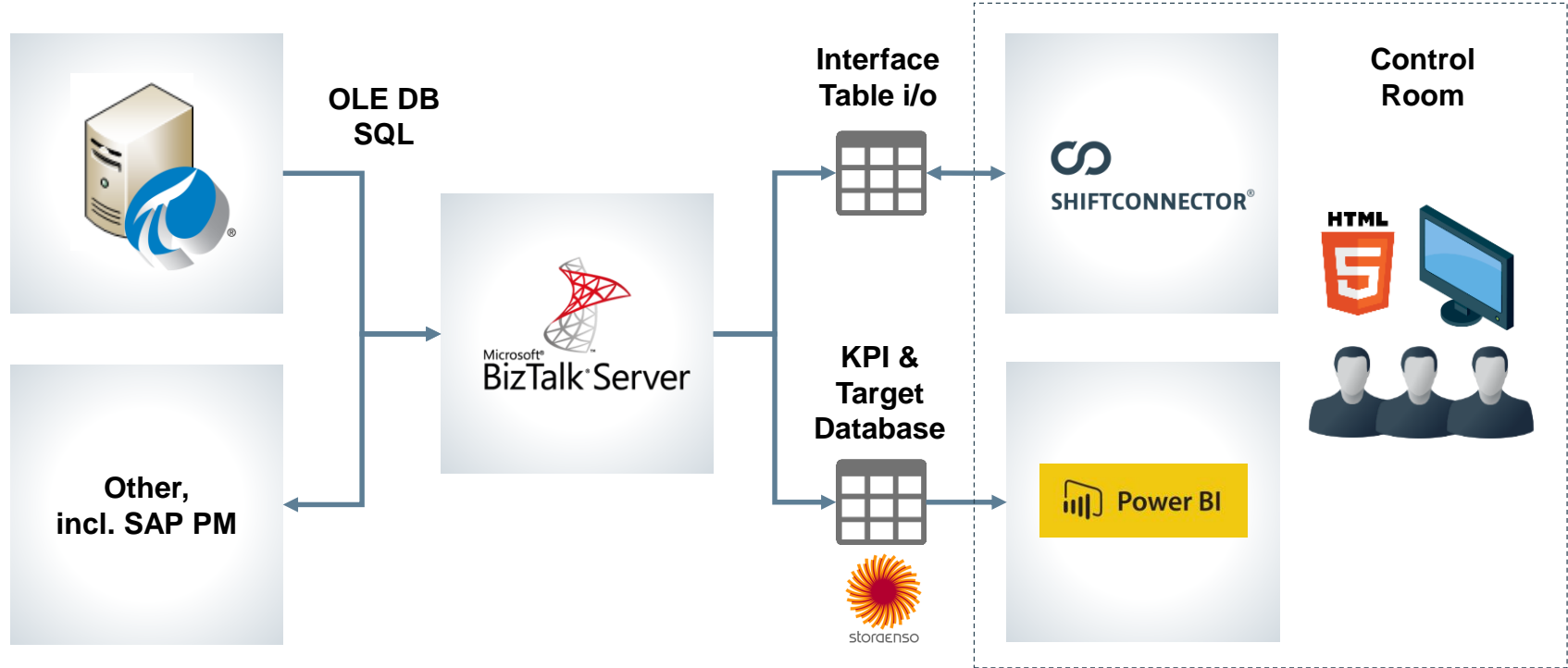
Project Overview

- Provide Managed Process for Shift Documentation and Lean Communication
- PoC at Langerbrugge Mill, Belgium, w/ 2 Paper Machines, Energy, Sorting, Supply Chain
- Rollout to 2 further sites in Germany
- Microsoft BizTalk to integrate with the PI System, SAP PM and others

From the PI System to People



System Integration at Stora Enso Langerbrugge



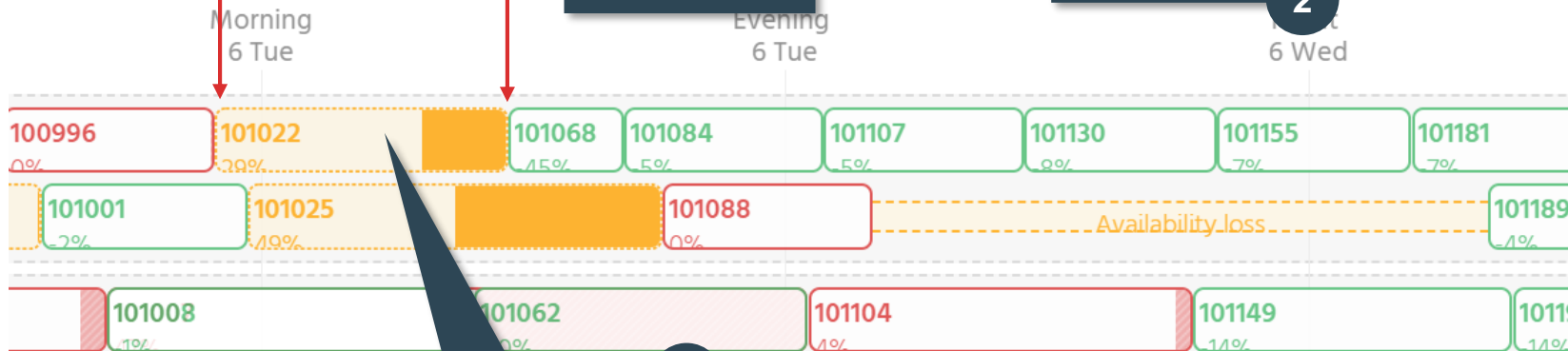
Event Frame Search 1

	Name	[00:02:53.398...	Duration	Start Time	End Time	Desc Category	Template	Primary Element
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	UP_BLEND:1-1		0:02:00.029	3/24/2015 10:23..	3/24/2015 10:...	OSIBatch	UnitProcedure	UM_BLEND_500
	OP_CHARGE:1-1		0:01:00.015	3/24/2015 10:23..	3/24/2015 10:...	OSIBatch	Operation	UM_BLEND_500

Get event, e.g. unit procedure

Get procedural element type

Visualize in Shiftconnector



DEMO

Shop Floor Collaboration and OEE improvement with
PI System and Shiftconnector



Veiligheid



Status LB

EC1



EC2



PM3



PM4



DIP1 L1 DIP1 L2



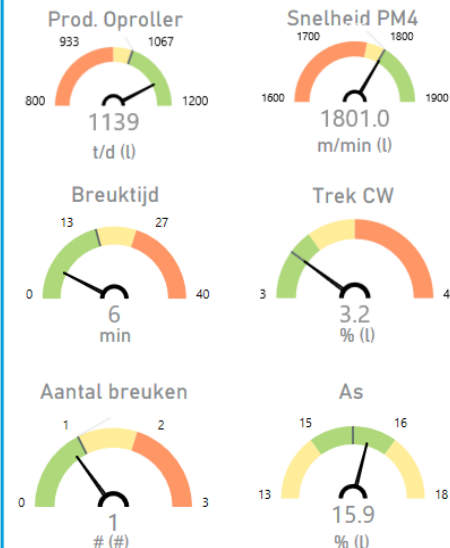
DIP2 L1 DIP2 L2



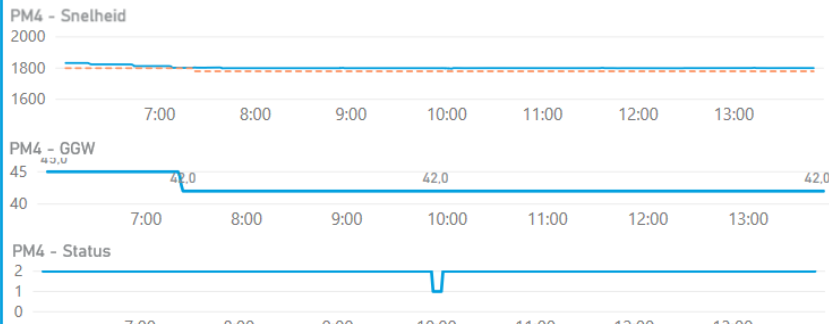
ShiftConnector



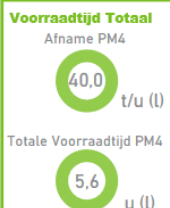
Productie



Status PM



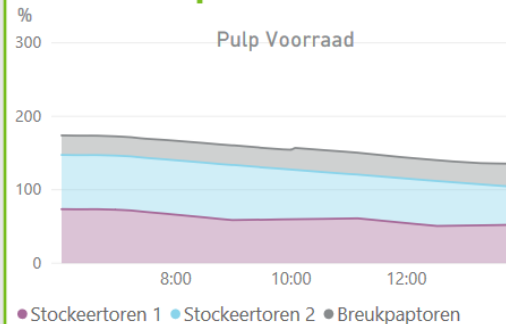
Voorraad Pulp



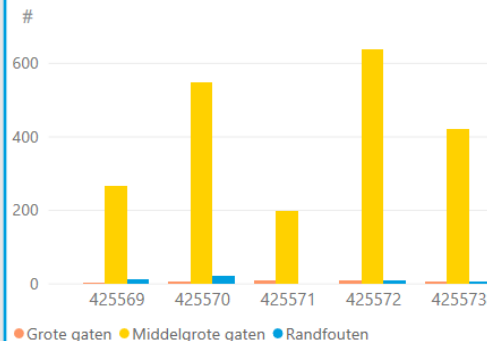
Voorraad Pulp



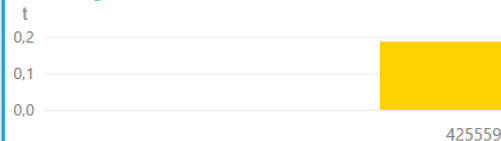
Voorraad Pulp



WIS Foutenlast



Afval per tamboer



Breukoorzaken / Breuktijd



Milieu



Totale meterverliezen ploeg



Speakers



Veit Hora
eschbach
COO

veit.hora@eschbach.com



Charles Douthwaite
eschbach

Business Development

charles.douthwaite@eschbach.com

eschbach



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the **microphone**

State your
name & company



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Complete Survey!

Navigate to this session in
mobile agenda for survey

