

The background is a dark blue gradient with several thin, white, parallel diagonal lines running from the bottom-left towards the top-right. The lines are slightly offset from each other, creating a sense of depth and movement.

MES BI QUICK START



	MES BI QuickStart		
	Release Date:	Document Number: BI-DST-001	Revision 01

Table of Contents

1	Overview	2
2	System Requirements	2
3	Key Features	2
4	Technology Stack	3

	MES BI QuickStart		
	Release Date:	Document Number: BI-DST-001	Revision 01

1 Overview

MES BI “QuickStart” solution would fast track Customer Opcenter data model knowledge and accelerate customer reporting and the solution comes with a MES DataMart and set of Power BI operational reports for WIP Management, Quality and Resource Management.

Customer can take advantage of the MES BI solution to build their operational and analytical reports or modify the existing one to meet their requirement.


2 System Requirements

Below are the minimum system requirements:

Operating System	Windows server 2012 or higher
CPU	1.8 GHz or faster x86 (Intel, AMD) processor. Dual core.
.NET Framework	4.8 or higher
RAM	8 GB or more
Hard drive	100 GB available in the hard disk.
Data Base	Microsoft SQL Server 2016 and above (32 or 64 bit) Enterprise Edition, Oracle Database Client is version 11.2.0.4 or later
Applications	MS-EXCEL 2010 or higher
Network	support TLS 1.0 and SSL 3.0 by default
ODS	Siemens OpCenter ODS/Replicated Database server
Security and Access	SQL SERVER authentication, role-based access control (admin)
Reporting and Dash boarding	Microsoft Power BI account with Pro License
Gateway	Windows 12 or later for Installing On premise Gateway and On premise Data gateway (Standard Mode)
Client Tools	SQL Server Management studio, Power BI desktop, Power BI Builder

3 Key Features

- ☐ Potential to be included as part of the global template.
- ☐ Accelerate time to value for each site deployment with standard set of operational reports

	MES BI QuickStart		
	Release Date:	Document Number: BI-DST-001	Revision 01

- ☑ Accelerate time to value for dashboarding and KPIs from shopfloor to top floor
- ☑ Fast tracked learning COE team and huge Cost Saving.
- ☑ Foundation Dataware house and Datamart for all the reporting needs.
- ☑ Self service reporting capability using power BI.
- ☑ eDHR paginated reporting for MES Medi suit.

4 Technology Stack

The following technology stacks are utilized:

- ☐ SQL/TSQL/PLSQL.
- ☐ SQL Server/Oracle.
- ☐ Micro Soft Power BI