

Traceability,
Process,
Asset, and
Production
Monitoring
solution



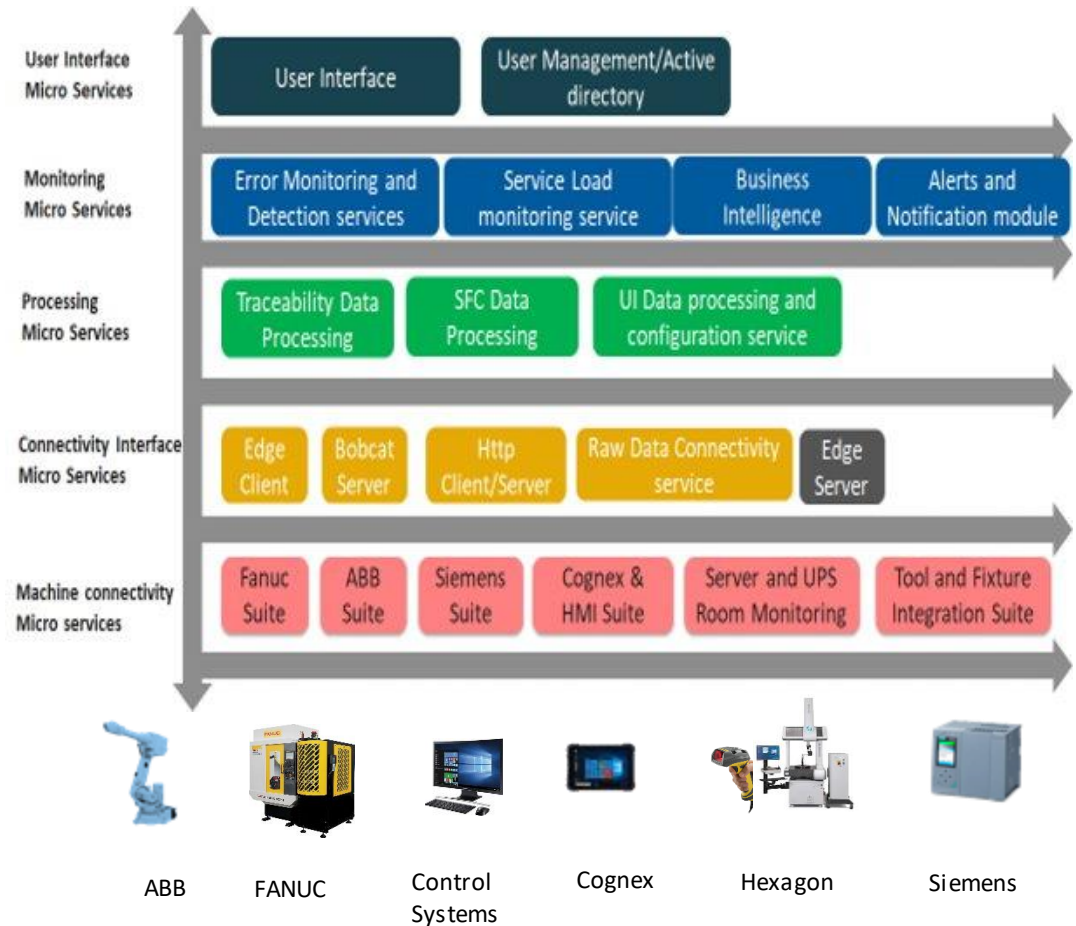
TRACEABILITY, PROCESS, ASSET AND PRODUCTION MONITORING SOLUTION

Challenges

To achieve improvement in overall productivity, reduction in maintenance issues and reduction in manual data entry, basis the set of targets given by the client

Scope

- To design & implement an end to end solution for the traceability, process, asset and production monitoring.
- Complete responsibility for the build & run
- Support the installation for 5 years on 24 X 7 basis



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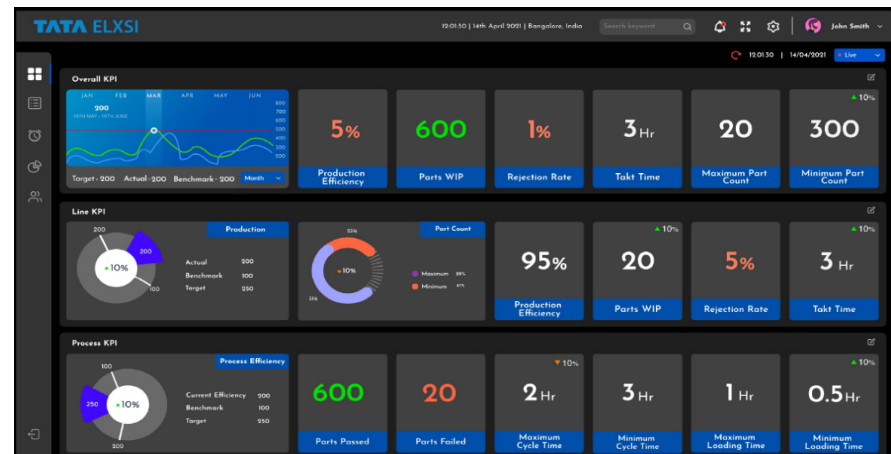
Solution

- Conducted a thorough “as is” analysis
- Made a value stream analysis
- Established the connectivity from disparate CNC machines, plcs and sensors / hmis to a common network
- Designed the industrial network topology to address the demands of data collection frequency and needs
- Sized and implemented a bobcat server at the edge level to address the client’s protocols
- Sized and implemented a SFC server for data aggregation & validation and to develop traceability, process monitoring apps.
- Implemented the panda and ground hog for data analytics

Impact

Post our solution implementation:

- Client will achieve the set target goals for overall productivity
- Will have complete traceability of the production



Discrete manufacturing traceability monitoring dashboard