As the world of industry evolves from taking the 1st step in using steam powered engines, towards automation, Industry 4.0 has been touted as the next step which enhances your businesses and factories into a smart factory. With the advent of IOT, mobile and cloud computing, networking, and others have paved the ways of digitization and realization of Industry 4.0. Though many are confused with the tangible benefits of such implementation.

Visibility, accurate decision making and methodical execution those are the benefits of the Industry 4.0 implementation in manufacturing process.

CODE☐IND.

"
Delivering Industry 4.0
Visibility and transparency
accurate decision making and
systematic efficient executionipsum
the next step and
revolution of Industry.
"

What we do in Industrial 4.0 solutions are:

- Consultancy, and project management going through the complete project lifecycle from start until the end.

- Providing software on various platform, desktop, cloud or mobile computing.

- Integration with legacy systems such as ERP, MES, MEP and so on.

- Research and development parts of the hardware that we will use.

- Deploy our own hardware system such as controllers, sensors, and others hardware as well.

- Work with various partners such as industrial computers hardware providers, networking peripherals, and others.

- After sales support and maintenance for the system that has been delivered.

- Enhancements and upgrades for system that is already deployed.

Real time visibility

By exposing your industrial lines to real time visibility, you can gain insight of the situation wherever and whenever you want. With IOT sensors, and other communication technologies hidden values can be presented to you instantly.

Decision making

With transparency and interconnection comes a better critical decision making driven by data and inputs. No more guess works and uncertainty, resulting in an accurate decision that generates competitive edge for your business.

Methodical execution

Systematic execution with clear sense of direction can be achieved leading to quick results and benefits. This will also reduce waste, loss, and inefficiency processes along the way.

FAIRTECH

WiNS
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CODE[ ]IND.LIB

Collection of libraries and APIs functions as a bridge towards greater enterprise system planning or other large enterprise software legacy system. By employing CODE[ ]IND.LIB data information can be extracted from and delivered to such legacy enterprise system, combining all data from different parts of manufacturing processes.

CODE[ ]IND.GET

Hardware and software that allows collection of information directly from production line. Streams of data are made possible by combining IOT technologies and hardware such as sensor, analyzer, encoder, meters, readers, and many more. The solution is also ready to be combined with legacy controllers such as PLC, and SCADA and others. Even data about workforce and personnel can be collected as well.

CODE[ ]IND.RUN

The backbone and brain of the whole CODE[ ]IND solution. It is designed on a server-client architecture, where the frontend and backend can be separated. We can elevate the solution to a web based solution easily, allowing the user greater freedom in overseeing and controlling the production easily.

Those benefits above will translate to more tangible benefits such as cost trimming, better KPI and improved efficiency, greener business practices, loss and waste reductions, lowering footprints, greater oversee in planning and arrangement, minimizing human error, reducing inadequate product quality, and many more. This will translate to higher competitive edge and better revenues in the long run.

Industry 4.0

We designed the solution to be modular and scalable for adaptive implementation in your manufacturing facilities. Unlike many legacy MES (Manufacturing Execution System), which most of the time cannot be scaled and upgradeable, CODE [ ] IND solutions comes with scalability and expandability in mind.

" Experience the next step in the industrial revolution and all the benefits, we will assist you in every step along the way.

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