



iSPARK

Intelligent Automation

Smart “Digital Workforce” to assist your Human Workforce

Game-changing Automated Visual data
collection using pre-trained computer vision



More Information:

<https://ispark.ai>



Meanwhile in the operator room...

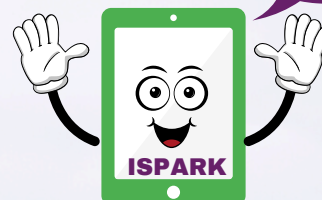
Hey BOB, I am really tired of gathering data manually in the plant



BOB **BILL**

Yes, BILL me too. I also spend 90% of my time gathering data. But believe me I can do more!

ISPARK comes into picture



Hi BOB & BILL. I am your **DIGITAL PARTNER!**

Operator in the field



Jessica

What can you do for us?

ISPARK replying to the query



You can take me around the plant. I will read and interpret all the data for you using my **AUTOMATED VISUAL MEASURING CAPABILITY.**

Manager hears this conversation and reacts..

WOW! That can really help me get precise time stamp and data from the plant accurately



Paul

Operator's happiness



BOB **BILL**

That's really helpful for me and reduces my time on the field. I can also spend time more meaningfully

ISPARK



I can be deployed in a day inside the plant with payback starting in a week

News Reaches Senior Management



STEVE (IT)

Wow! This is real Digitalisation

Looks like this has a real ROI!

This takes care of my operator well-being.



Laura (HR)



Mark Finance



Operator Digital Twin: How is it new and different?

The main advantages are listed below



Real-time and Accurate

Accurate real-time measurements. Eliminate operator error and have audit trail on all data.



Time Management

Help you plant operators use time more effectively than just manual data collection



Algorithm

Use our proprietary deep learning algorithms coupled with sensor fusion for data



Data Analysis

Recording of all collected data available instantly for analysis by your reporting and other systems



Smart Factory

Realize your vision of the future factory without significant capital investment



Integration

Rapid integration capabilities to multiple platforms available. Integrate with DCS, Dashboard&MES



Installation

Installation time is less than a day with deployment time of about 1 week. ROI starts in 10 days.



Certified

All devices certified for industrial use. For Hazardous location, ask for specific HAZLOC certified devices

Quote from our pilot customer: a large manufacturing company in Europe

"After analyzing the data collected, we strongly believe in the advantages of these iSPARK products and the potential that this represents for factories like ours, even if we are already quite well automated."





About iSPARK

We create solutions to accelerate your digital transformation programs in manufacturing and improve manufacturing operations to achieve your production goals. iSPARK is an innovative research-driven company that aims to help manufacturing companies in the chemical, food and beverage, consumer goods, packaging, building materials, pharmaceutical, biotechnology, mining and metal industries etc. iSPARK's goal is to ensure that these manufacturing companies leave no value on the table due to infrequent and inaccurate measurement, thus realizing the vision of Industry 4.0.

iSPARK is dedicated to driving innovative technologies to engage and solve the toughest problems in manufacturing industries today. It aims to revolutionize plant operations by developing niche, data-centric technologies encompassing cutting-edge IIoT hardware, AI/ML and deep learning algorithms, and cloud platforms.

iSPARK has the industry experience and expertise to solve your biggest manufacturing challenges



iSPARK

More Information:

<https://ispark.ai>

email: solutions@ispark.eu

Quai Banning 6,
4000 Liège, BELGIUM

12 Channel St
Boston MA 02210 USA

