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Technological Process Perfection

by employing Digital Twin



Industry Revolution 4.0

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How does it change the World?

Digitalization / Big Data

Large, complex data sets, difficult to process and analyze using traditional methods

Operational Efficiency

Avoidance of human errors, quality and speed of control, demand based optimal production scenario

Regulation

Significant impact on the economy, transformation of the workforce skill sets

Digital Twin / Simulation

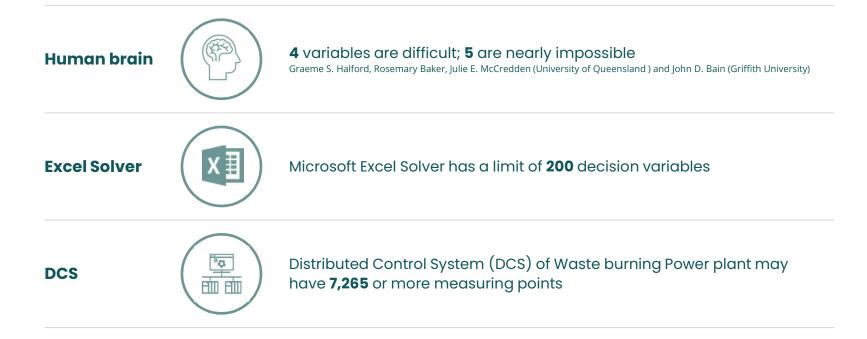
Makes products and services more accessible, transmissible and efficient

Realization of the digital transformation of the field, delivering real-time decision making, enhanced productivity, flexibility and agility to revolutionize the way companies manufacture, improve and distribute their products

Cognitive limitations

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How many variables should be taken into account?



Intelligent Digital Twin

Cloud Solution, designed to increase industrial process energy efficiency and reduce resource consumption through continuous monitoring and automatic process control according to real time data





No additional equipment required



Industrial process perfection CHILLVENTA

Intelligent Digital Twin solutions for different industries



Before & after

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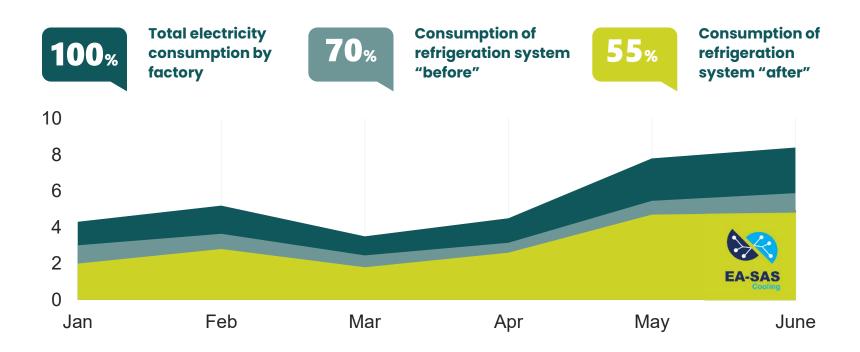
Process efficiency before & after deployment of Digital Twin



Before & after

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Electricity consumption before & after deployment of Digital Twin



The WOW effect!

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Immediate effect of efficiency increase after enabling automated system control by Digital Twin

-37.3%

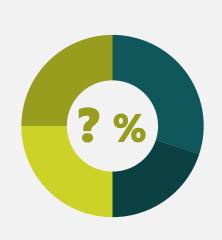
Meat industry

Decrease of electricity consumption by 2 level refrigeration system (-40°C)

-19.6%

Dairy industry

Decrease of electricity consumption by 1 level refrigeration system (-6°C)



16.6%

Malt production

Increase of production volume due to reduction of drying time -2.9%

Biomass boiler

Reduction of annual biomass consumption

Your industry

How much can Your company save by employing Digital Twin?

Intelligent Digital Twin Cloud Solution for industry



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Come talk to us!

Visit our stand and get to know, how Your company can benefit from Intelligent Digital Twin solution!

> ENERGY ADVICE Hall 9 Stand 334

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Hall 7A