

Tailored A.I. for Business Growth

World AI Cannes Festival 2022

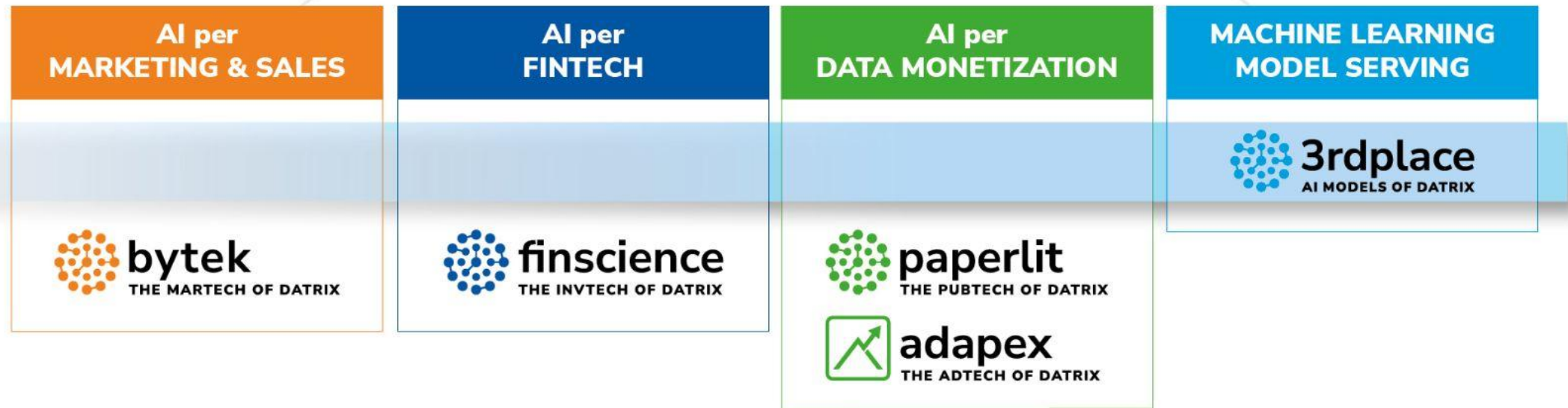
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Tailored A.I. for Business Growth

Data Visualisation, Augmented Analytics and Machine Learning

BUSINESS AREAS



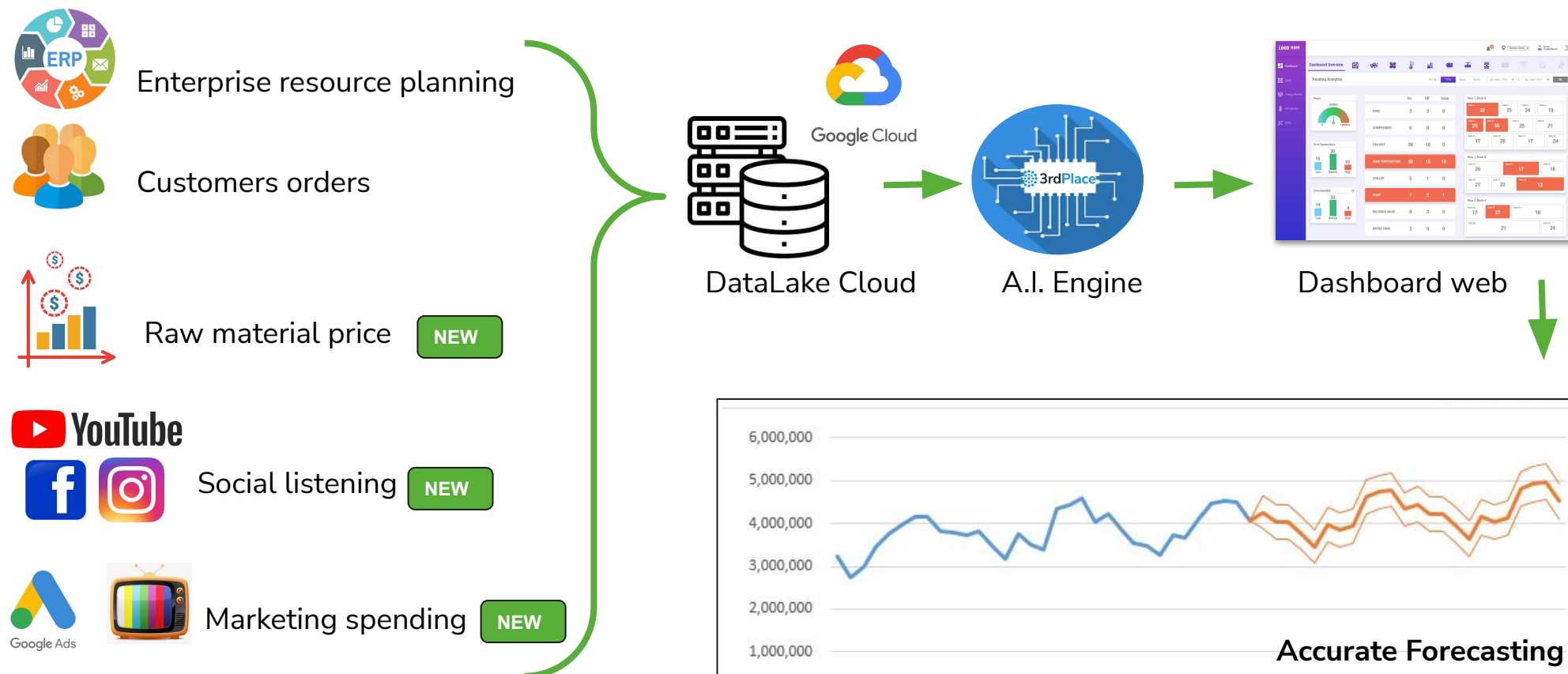


1) Advanced Demand Forecast Manufacturing sector

Advanced Demand Forecast - Manufacturing sector

Needs: (1) Maximise customer service level (2) Agile planning and (3) Reduce procurement costs

Solution: Tailored data collection pipeline in order to achieve accurate forecasts using advance A.I. including deep-learning algorithms. Delivery in 6 months



Results:

+6% customer service levels

-5% Raw material procurement costs





2) Quality Assessment via Computer Vision

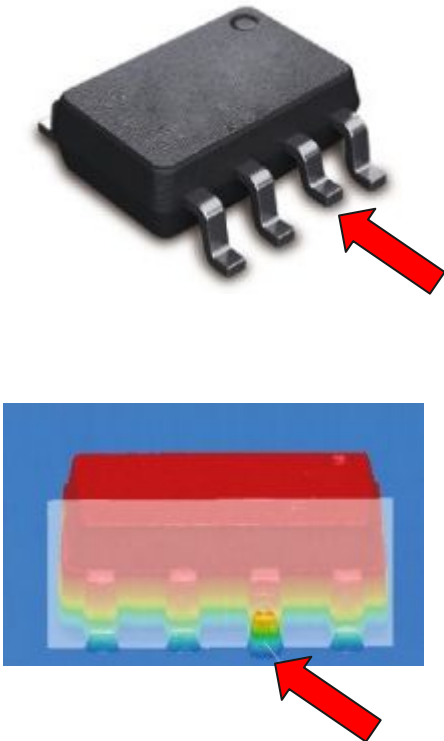
Manufacturing sector

Quality Assessment via Computer Vision - Manufacturing sector

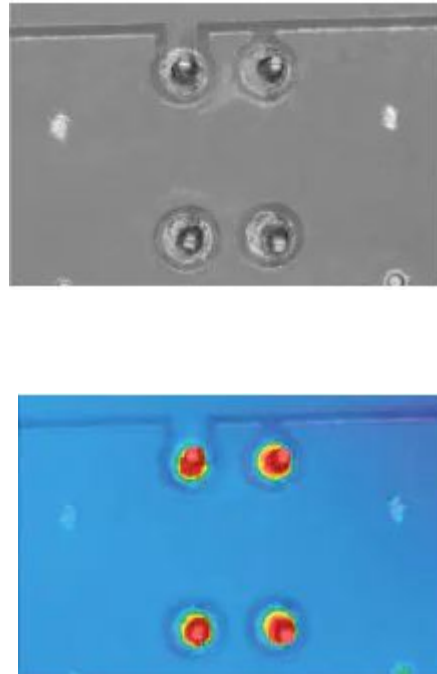
Needs: Measure and minimise two KPI: Supplier Defect Rate and Customer Complaints and Returns

Solution: Tailored image processing application capable of leveraging 3D IP Camera, Cloud and Edge computing. Delivery in 6 months

(a) electronic components



(b) soldering & welding



(c) product defects



Results:

- 70% of dedicated staff to manual quality check
- Supplier Defect Rate daily monitoring
- 5% Customer Complaints and Returns



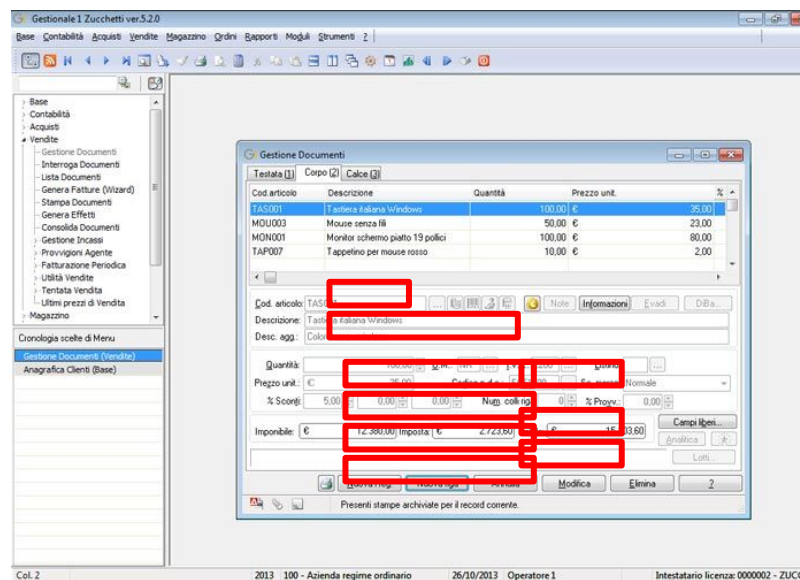
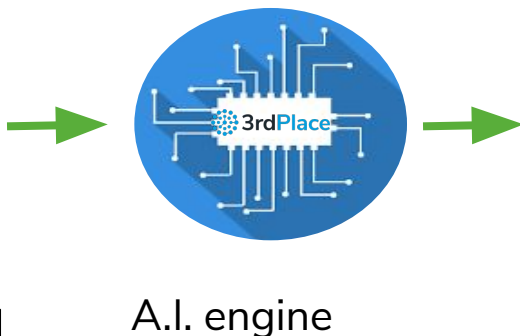
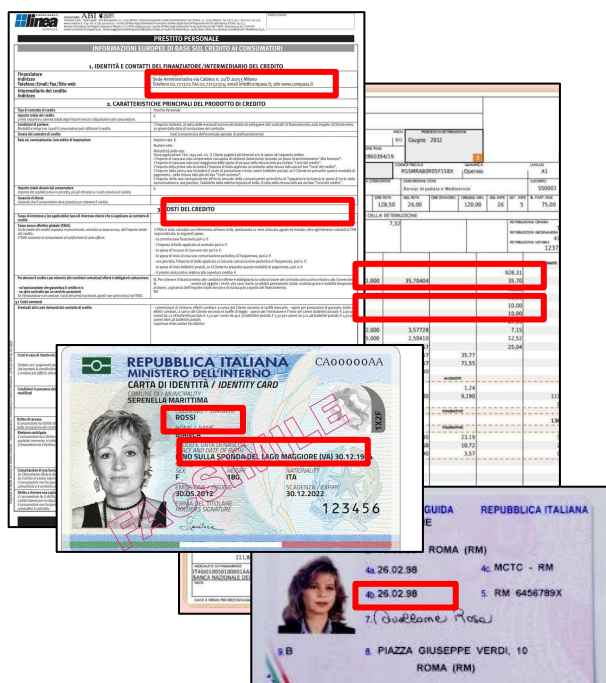
3) Automated Document Validation Banking & Insurance sector

Automated Document Validation for Banking & Insurance sector

Needs: Automate back-office activity in order to speed up document check and handle work picks

Solution: Fully automated solution based on advanced A.I. models capable of:

1. Validate multiple documents including: ID cards, passports, payslip, tax declaration, contracts, etc.
2. Verify the authenticity of all documents
3. Extract and cross-check fields among documents



Results:

- 90% back-office staff dedicated to document check

- 24% processing time

+ 8% data input accuracy

Thanks !



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finscience.com



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bytekmarketing.it



adapex.io

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