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Fujitsu. Together
we can change
the world

Public Sector

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Great work leads to great references

We co-create with our Public Sector customers,
working together to enable their vision.

What others say about us is infinitely more persuasive than
anything we could say ourselves, that's why we've selected
these ten case studies that showcase our joint success with
our customers.

Your vision and Fujitsu.
Together we can change the world.



“ This project is a true collaborative effort, but Fujitsu is going out of its way to ensure this will be an exceptional success that will benefit all the partners and, most importantly, patients. ”

Dr. Brenton Hamdorf
Director, Academic and Research Partnerships
Macquarie University

Macquarie University

Macquarie University joined forces with its neighbour Fujitsu and medical device manufacturer GE Healthcare to develop an AI-enabled diagnostic technology that can analyse CT scans for brain aneurysms

Challenge


Enable faster, more accurate analysis of CT scans to make the treatment of brain aneurysms more successful.

Solution

Fujitsu is designing an AI algorithm in collaboration with radiologists to detect brain aneurysms.

Outcomes

- It could dramatically reduce the time it takes to review each scan, which currently takes up to 15 minutes.
- Radiologists and patients can have more confidence that aneurysms have been found and can be tracked successfully.
- Accompanying 3D structural analysis data may help neurosurgeons make smarter decisions.
- Fluid dynamics would assist in planning surgical interventions.



“ With Fujitsu’s support, we’re implementing a modern, fast, integrated and flexible way of working that adapts to our needs and allows the continuous development of projects thanks to the re-use of components. ”

Rafael Ayerbe
Head of Information Systems Development for the Agriculture, Livestock and Fisheries area of the Department of Agriculture, Livestock, Fisheries and Sustainable Development

Government of the Autonomous Community of Andalusia

Fujitsu improves the management of European aid and subsidies for the Department of Agriculture, Fisheries and Sustainable Development with a modular microservices architecture

Challenge


Centralize and standardize the aid and subsidy management systems for the European Union Common Agricultural Policy (CAP), reducing the large number of current processes and implementing a new, modern way of working that allows rapid, integrated development of new solutions.

Solution

Launch of a flexible development service based on an adaptation of the Agile methodology, creation of a modular architecture of reusable microservices managed via an integration bus and the use of new technology components and DevOps.

Outcomes

- Use of DevOps for continuous application development.
- Design of a centralized aid management system for European Union (EU) funds to streamline administrative tasks.



“ This technology could change the way we find and monitor threatened species, saving us both time and money. ”

Tania Pettitt
Partnership Manager 'Saving our Species' program
NSW Office of Environment and Heritage

NSW Government

The Fujitsu Digital Owl solution uses AI to process thousands of drone images, and helped the NSW Government's Saving our Species program to find and monitor hard-to-reach threatened species

Challenge


Locating and monitoring threatened plants and animals can be difficult in the rugged and vast Australian landscape. Fujitsu approached the Saving our Species program (SoS) as it identified an opportunity to apply its advanced technology and analytics to make threatened species monitoring more efficient.

Solution

Fujitsu and SoS worked with drone specialist, Carbonbix, to dispatch a drone fitted with a 5kg hyperspectral video camera capable of taking five photos a second. Pictures were analysed using Fujitsu Advanced Image Recognition software to detect threatened plants.

Outcomes

- Fujitsu Digital Owl is far more cost effective and produces fewer emissions than using a helicopter.
- AI image analysis gives an instant view of the specific plants, which can then be monitored.
- The AI image analysis shows the broader habitats where the plants are found, helping to inform the actions needed to save these species.



“ This is the catalyst for building a truly open data ecosystem. It wouldn't have been possible without Fujitsu, which has shown deep Salesforce expertise, combined with a dynamic, collaborative approach. ”

Shane Allen
Investigations Engineer
Palmerston North City Council

Palmerston North City Council

PNCC was having to manage multiple data sources and spreadsheets. Fujitsu built a Salesforce solution to better manage the data and provide faster, more accurate results

Challenge


The Council was faced with multiple incomplete siloed data sets, which required significant resources to manage. It wanted to find a more efficient way of retrieving and presenting the data while introducing spatial analysis.

Solution

PNCC partnered with Fujitsu, which designed a Salesforce solution that would automate data management. It standardises, cleans and integrates internal and external data sources, making it simple to access and present crucial information with minimal human intervention.

Outcomes

- Automates all aspects of data management for increased efficiency and improved visibility.
- Removes the administrative burden from employees, freeing them for more important duties.
- Eliminates human error and increases data accuracy.
- Enables real-time view of data and spatial analysis.
- Reports can be generated in seconds rather than hours.



“ Fujitsu has built a new ship collision risk prediction technology that leverages the power of artificial intelligence to predict near misses between vessels. ”

Representative
Maritime and Port Authority of Singapore

Maritime and Port Authority of Singapore

Singapore MPA is using FUJITSU Human Centric AI Zinrai to detect ship collision risks and predict areas where these risks are concentrated as dynamic risk hotspots

Challenge

With almost one vessel collision per day globally, life on the waves is not free from risk. Fujitsu wanted to develop an AI platform that would proactively identify potential collisions well in advance.

Solution

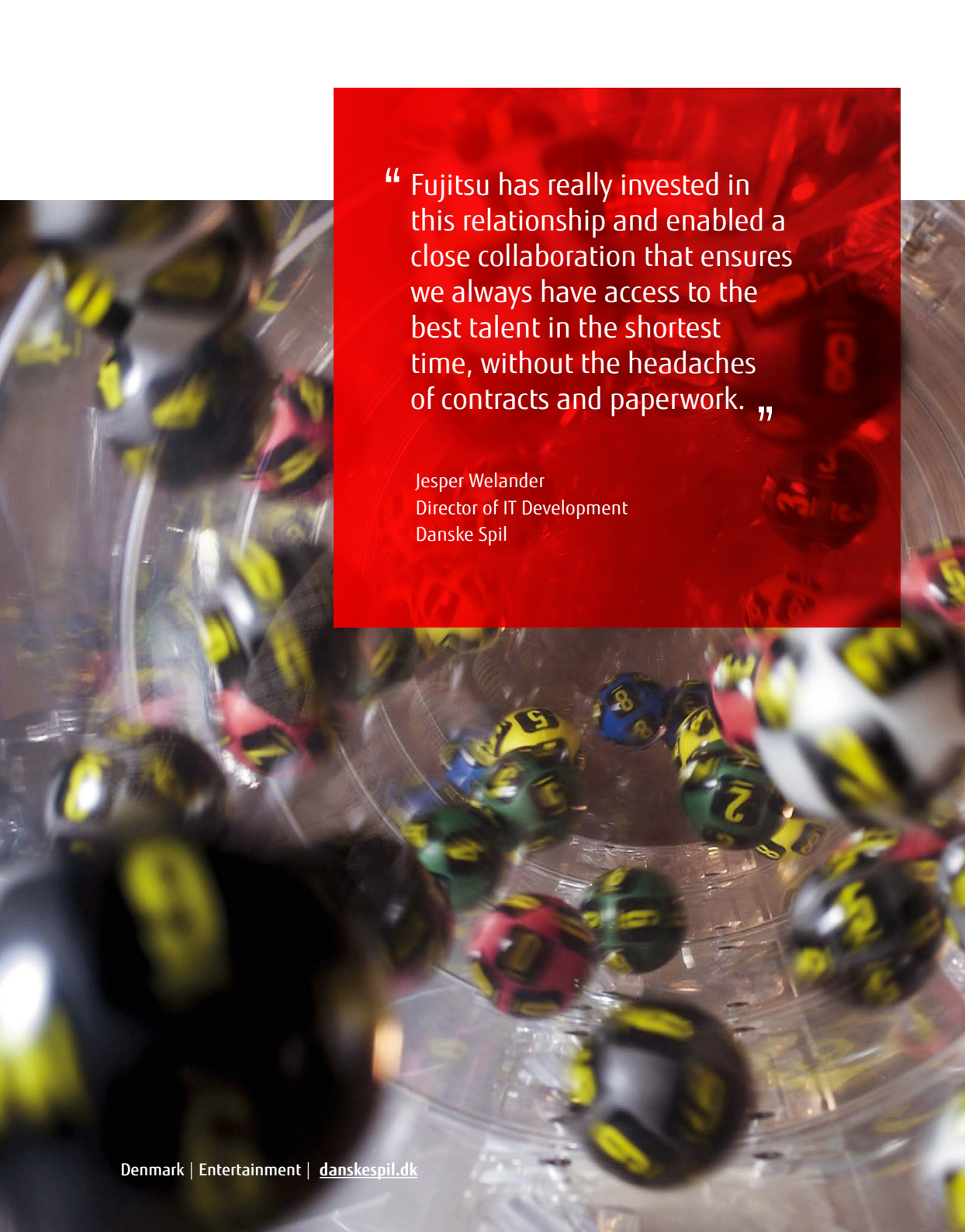
Fujitsu built a new ship collision risk prediction solution based on AI Zinrai.

Outcomes

- Proactively detect vessels at risk and provide planning and information to avoid danger.
- Flag potential risks approximately ten minutes before they happen.
- Provide five minutes lead time for human operators to advise ships.

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“ Fujitsu has really invested in this relationship and enabled a close collaboration that ensures we always have access to the best talent in the shortest time, without the headaches of contracts and paperwork. ”

Jesper Welander
Director of IT Development
Danske Spil

Danske Spil

Danske Spil uses FUJITSU Consulting & Professional Services to source the best talent for its growing business, halving recruitment times and cutting costs by ten percent

Challenge

Danske Spil was using up to 30 different agencies to find the best talent for its development and testing teams, however, this was time-consuming and required significant administration. It wanted to streamline and speed up the recruitment process.

Solution

As a publicly owned company, Danske Spil issued a public tender with requirements on cost and candidate quality, which Fujitsu won. Now, Danske Spil simply fills in a template outlining its requirements and Fujitsu proposes the best people for the job.

Outcomes

- New candidates are recruited in half the time, so projects are not held up.
- Eliminating administrative tasks has reduced recruitment costs by ten percent.
- Fujitsu now sources around ten new consultants per quarter.



“ We drive the direction of continuous improvement; we create the roadmap. Fujitsu’s role is to help us get there - managing risks and delivering our ambition. They’re the main reason we can deliver these projects so successfully. ”

Steve White
Flood Warning System Product Manager
Environment Agency

Environment Agency

The Environment Agency chose Fujitsu to modernize its flood warning service, migrating it to the cloud and optimizing it, saving money, while adding new features and flexibility

Challenge


The Environment Agency is responsible for identifying flood threats across England and communicating these risks to the public. With machine learning creating advances in text-to-speech services, it wanted to ensure its Flood Warning System was more accurate, more reliable, and more cost-effective.

Solution

The Flood Warning System has evolved to provide an AI automated text-to-speech service. The service has also been modernised by migrating to the cloud and created an intuitive interface that eliminated under-used and time-consuming elements. All of which improved the speed and delivery of the service, while reducing time and costs dramatically.

Outcomes

- The text-to-speech service has dramatically decreased component costs from £40k to £1k.
- Optimised process has reduced timely manual input from half a day to 20 minutes.



“ Fujitsu was very responsive and adaptive, and continuously flexed its approach to match our objectives. This was critical to the success of the OD exercise. ”

Denise Black
Organisational Development Director
DVA

The Driver and Vehicle Agency

Northern Ireland's Driver and Vehicle Agency is accelerating its digital transformation programme. To ensure that no staff were left behind it engaged Fujitsu to initiate an organisational development exercise

Challenge


DVA had begun a digital transformation programme that would fundamentally change how it does business and how its employees work. It wanted to get a clearer picture of a specific business area in relation to what their "As Is" roles were and how these might change into the "To Be" environment.

Solution

Having already engaged Fujitsu to work on the digital transformation programme application development, DVA asked it to also initiate an organisational development exercise, with four design-thinking workshops to capture information, ideate solutions, and determine future needs.

Outcomes

- Created a clear vision of current and future organisational roles.
- Created clear graphic business process definitions for the B&R system.
- Increased support for digital transformation planning through 170+ actionable ideas to enhance the programme.



“ With Fujitsu’s help we have built up a really good toolbox in terms of our skills and competence. ”

Sidsel Bülow Skovborg
Head of Digitalization
Municipality of Frederiksberg

Municipality of Frederiksberg

Denmark’s Municipality of Frederiksberg wanted to automate many repetitive manual processes that were taking too much staff time and adversely affecting service delivery

Challenge

The Municipality of Frederiksberg wanted to automate manual workflows to save staff time and reduce cost, and also make the daily lives of residents easier. Without in-house skills in Robotic Process Automation (RPA), it turned to Fujitsu consultants for assistance.

Solution

Fujitsu specialists developed a single software robot as a proof of concept, and a consultant worked on-site to provide IT staff with the tools and knowledge they need to create and maintain RPA solutions themselves. It assisted in the creation of 25 ‘digital assistants’ and now maintains a behind-the-scenes role.

Outcomes

- Automated robotic processes save time for staff and money for the authority.
- Robotic assistance makes many daily tasks easier for residents.
- The municipality now has the know-how to pinpoint areas where RPA could be of value, create its own automated solutions, then manage and maintain them.



Co-create with Fujitsu

Let's share your story with the world

To find out more contact umesh.patel@fujitsu.com

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