

Kongsberg Maritime

Efficient and safe operations at sea



KONGSBERG

200

Presentation overview

- 1814 – 2014 | A world class journey
- This is KONGSBERG
- Kongsberg Maritime
- The EPM Story
 - Background
 - Solution
 - Challenges
 - Lessons learned
- Summary

A world class journey

1814 - 2014



- *Established 1814 by Poul Steenstrup*
- *One of Norway's first industrialised factories*
- *A knowledge-based business from the start*
- *Innovation at it's heart, international success in it's sights*
- *Continual development of the company and brand*
- *Creating new divisions*
- *Investing in our people, fulfilling our potential*
- *Driving force in the restructuring and development of Norwegian industry*
- *Collaboration with the best to be the best*

A world class journey

1814 - 2014



- *A golden age of innovation at the company*
- *Gaining recognition as a global leader*



- *Creating long-term stability through focusing on core strengths*
- *The creation of a new, publicly listed business – proud of our past, focused on our future*



- *World class solutions to global challenges*

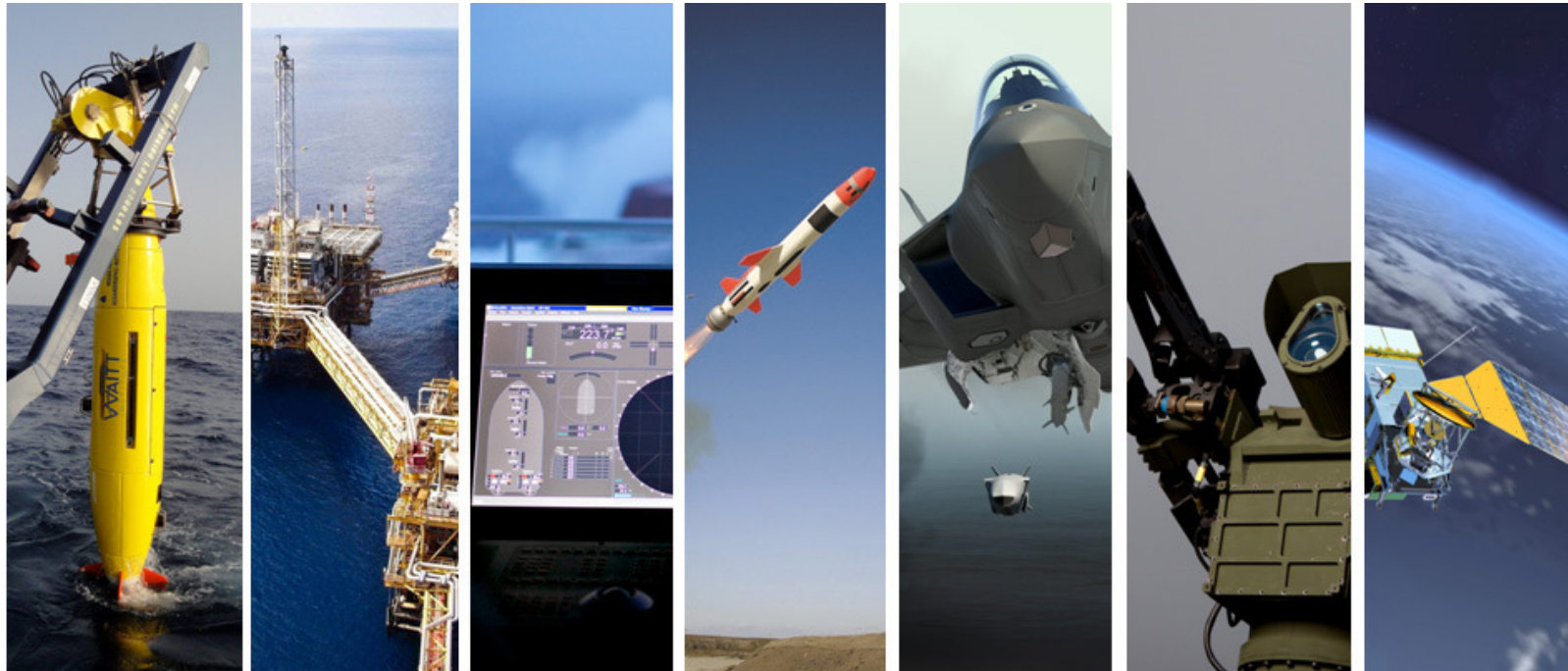


- *Kongsberg Oil & Gas Technologies*
- *Kongsberg Maritime*
- *Kongsberg Defence Systems*
- *Kongsberg Protech Systems*

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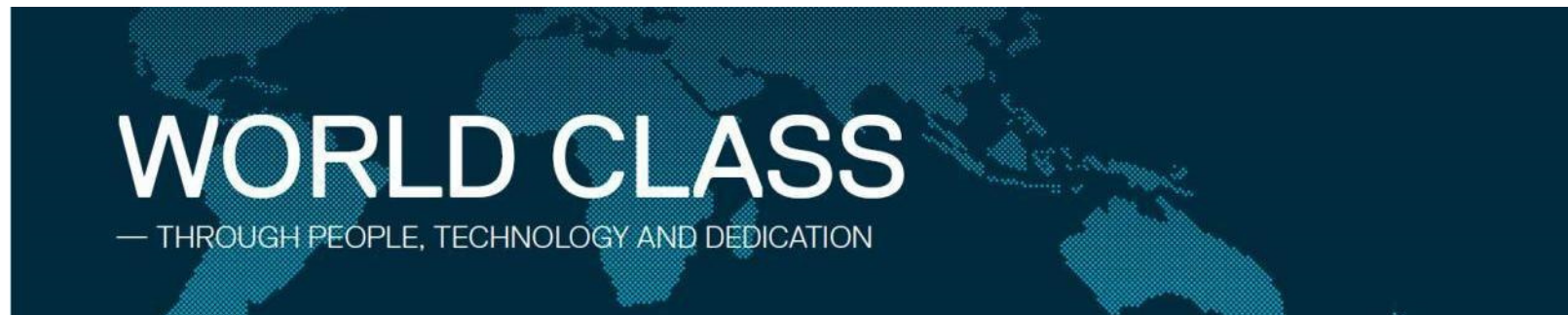
Today: International high-tech solutions, from deep sea to outer space



Advanced solutions and applications for the maritime, oil & gas, defence and space industry.

- Extreme Performance for Extreme Conditions -

Our world-class vision and values form the basis of our actions and who we are



DETERMINED

What we start, we finish.
We do not give in

INNOVATIVE

We relentlessly pursue
improvements, new ideas
and new solutions

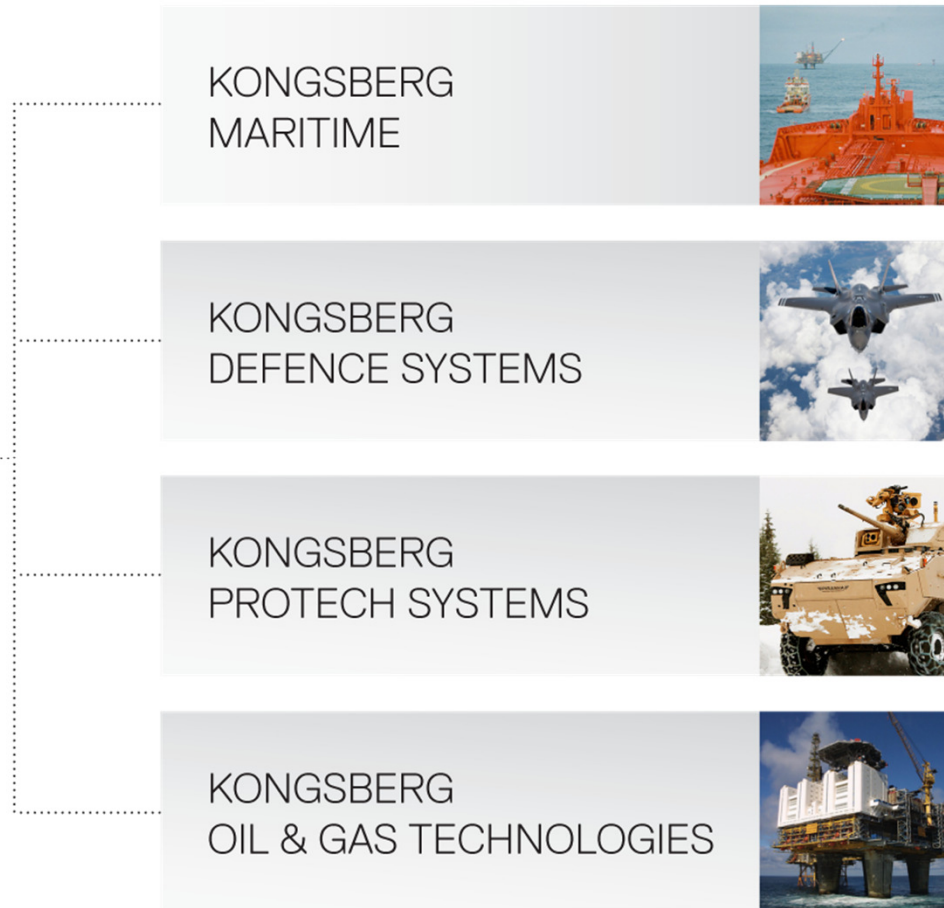
COLLABORATIVE

We collaborate as individuals
and as an organization

RELIABLE

We are reliable people.
We are responsible
citizens.

The KONGSBERG organisation



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Kongsberg Maritime

- Offshore – Merchant Marine – Subsea
- 55 offices in 18 countries
- 4258 employees (2013)
- Revenues MNOK 7 485 (2012)
- Installed on more than 15,000 vessels
- Dynamic positioning, navigation, automation, simulation, seabed surveying and fisheries

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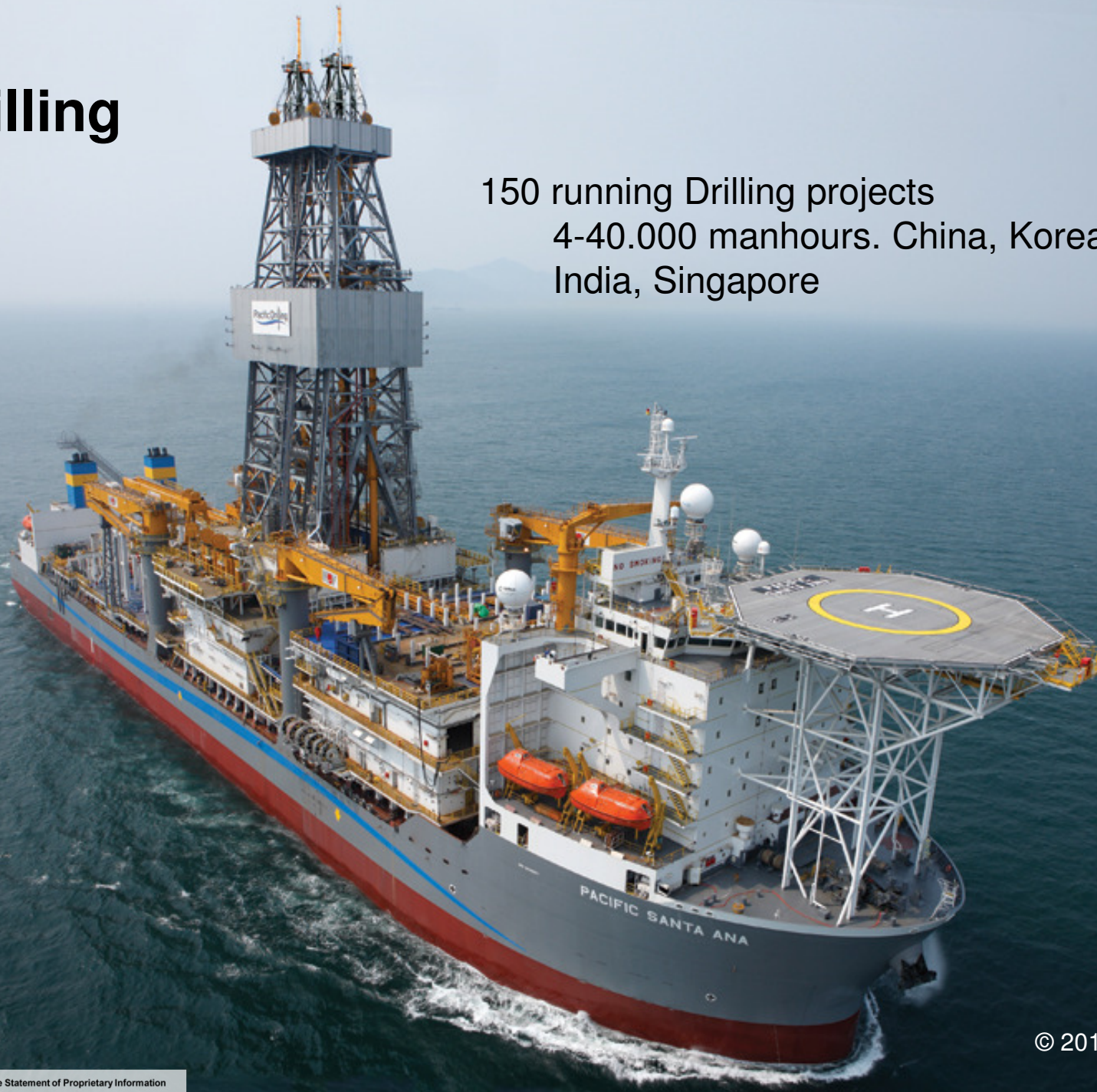
Offshore supply

450-500 DP projects.
500-2000 manhours in China, Korea,
Singapore, USA, Europe



Drilling

150 running Drilling projects
4-40.000 manhours. China, Korea, Poland,
India, Singapore



© 2011 Pacific Drilling

LNG

150-200 running LNG projects
3-10.000 manhours. China, Korea, Poland



© HÖGH LNG

Production Units



5-10 running Process Units projects
BP Skarv 191.000 manhours.



Photo: Øyvind Hagen/ Statoil

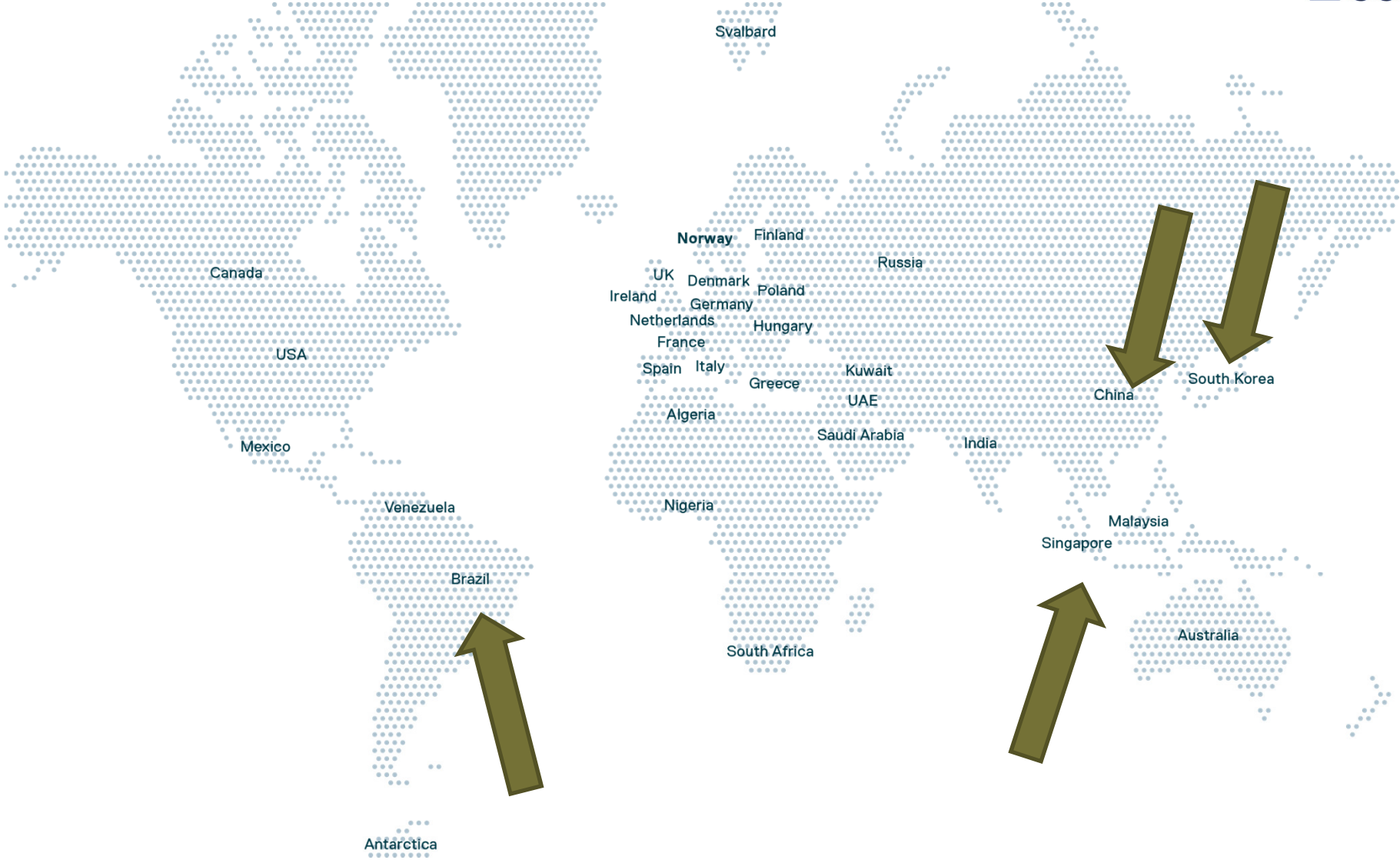
Total:

- 2850 prosjekter
- 6.9 millioner planlagte timer
- 3.0 millioner utførte timer
- 80 Project Managers Word Wide
- approx 3000 unique resources

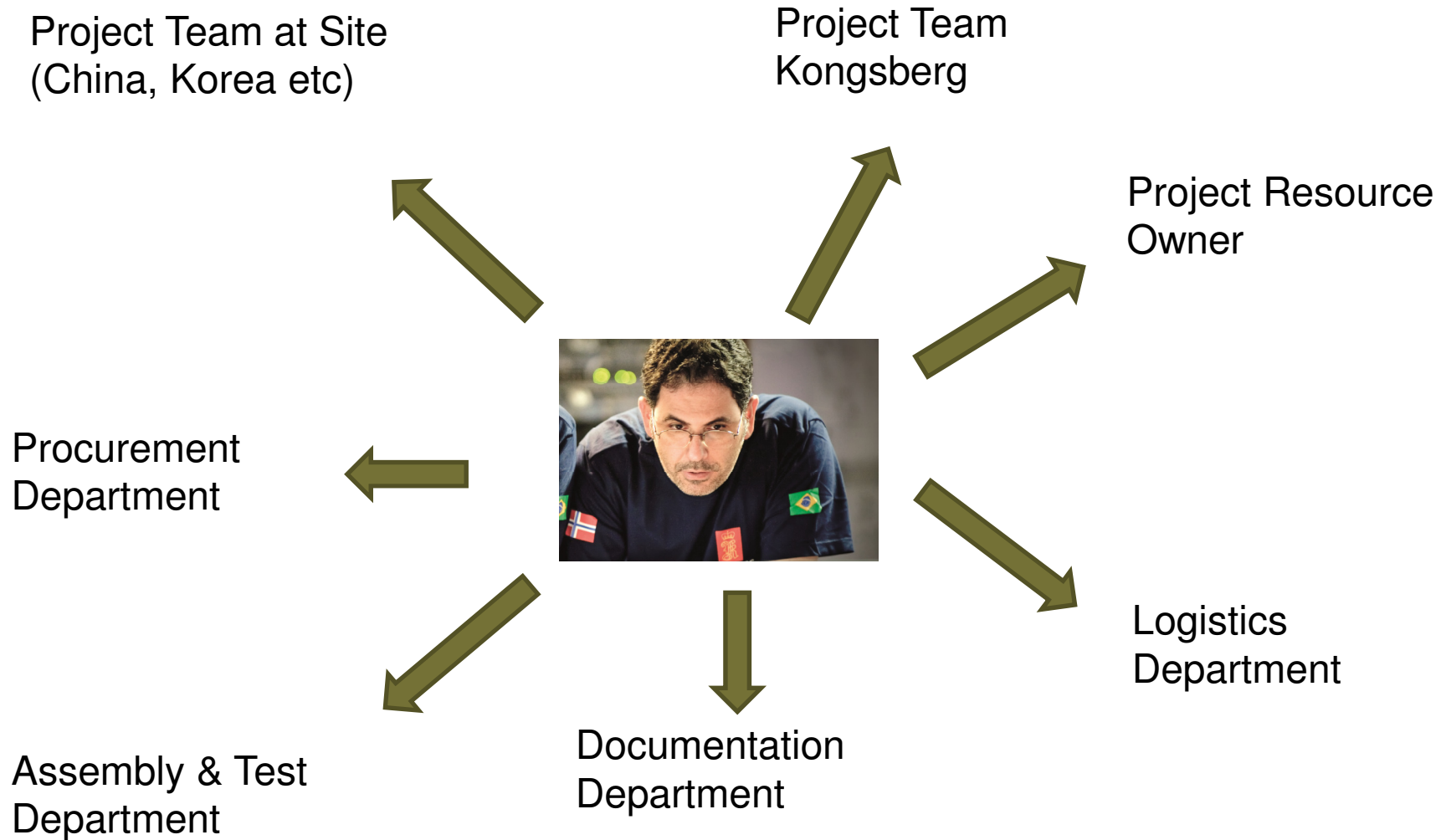
Global Challenge



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Complex Interface and process



Status 2009



- Globalisation and growth
- Global Project Model
- Global Competence requirements

- A planning and communication tool was not in place
- Current solution not scalable or sufficient
- Resource management tool needed..

=> The road to EPM was established..

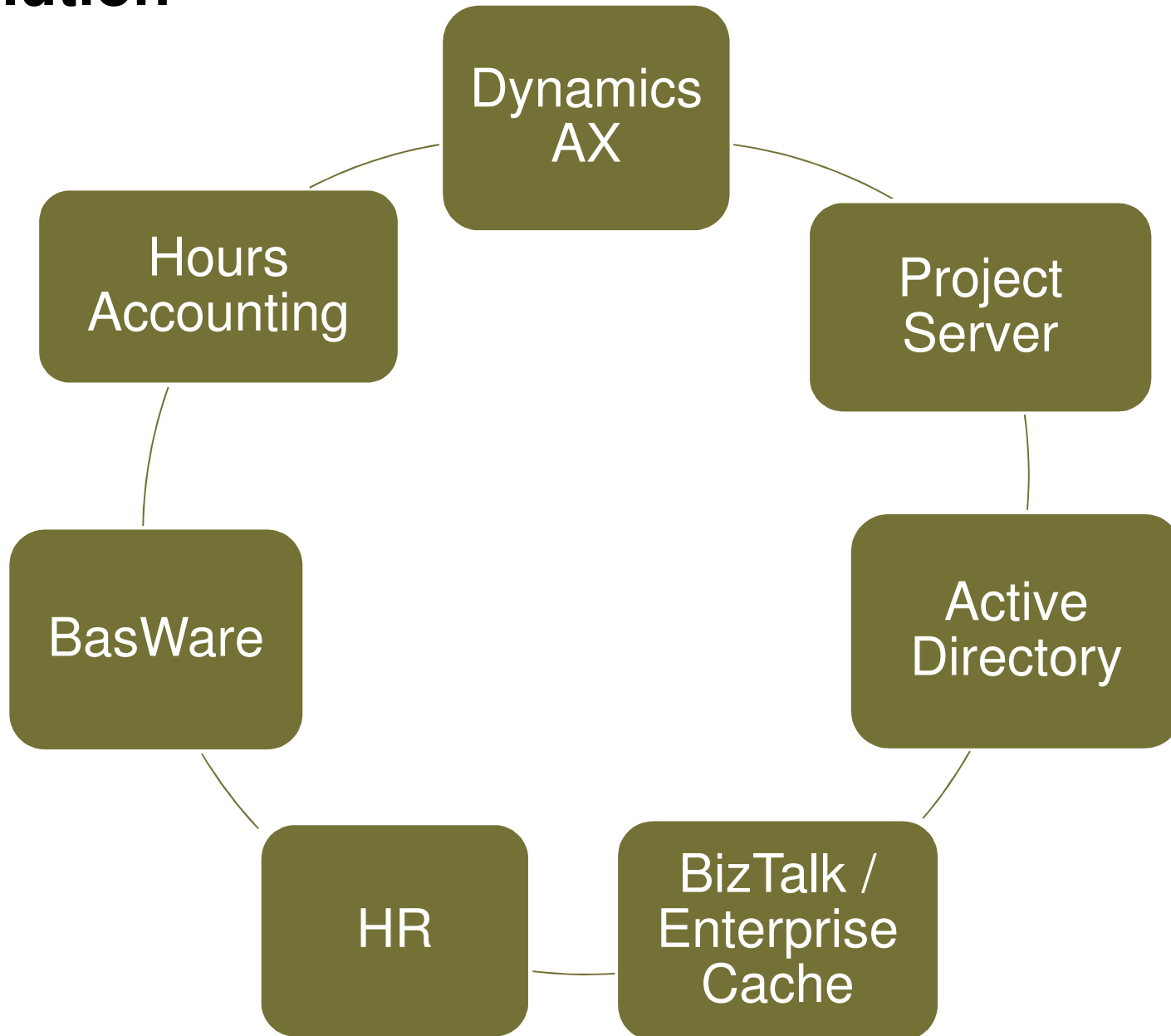
EPM Solution



Intersoft
management systems

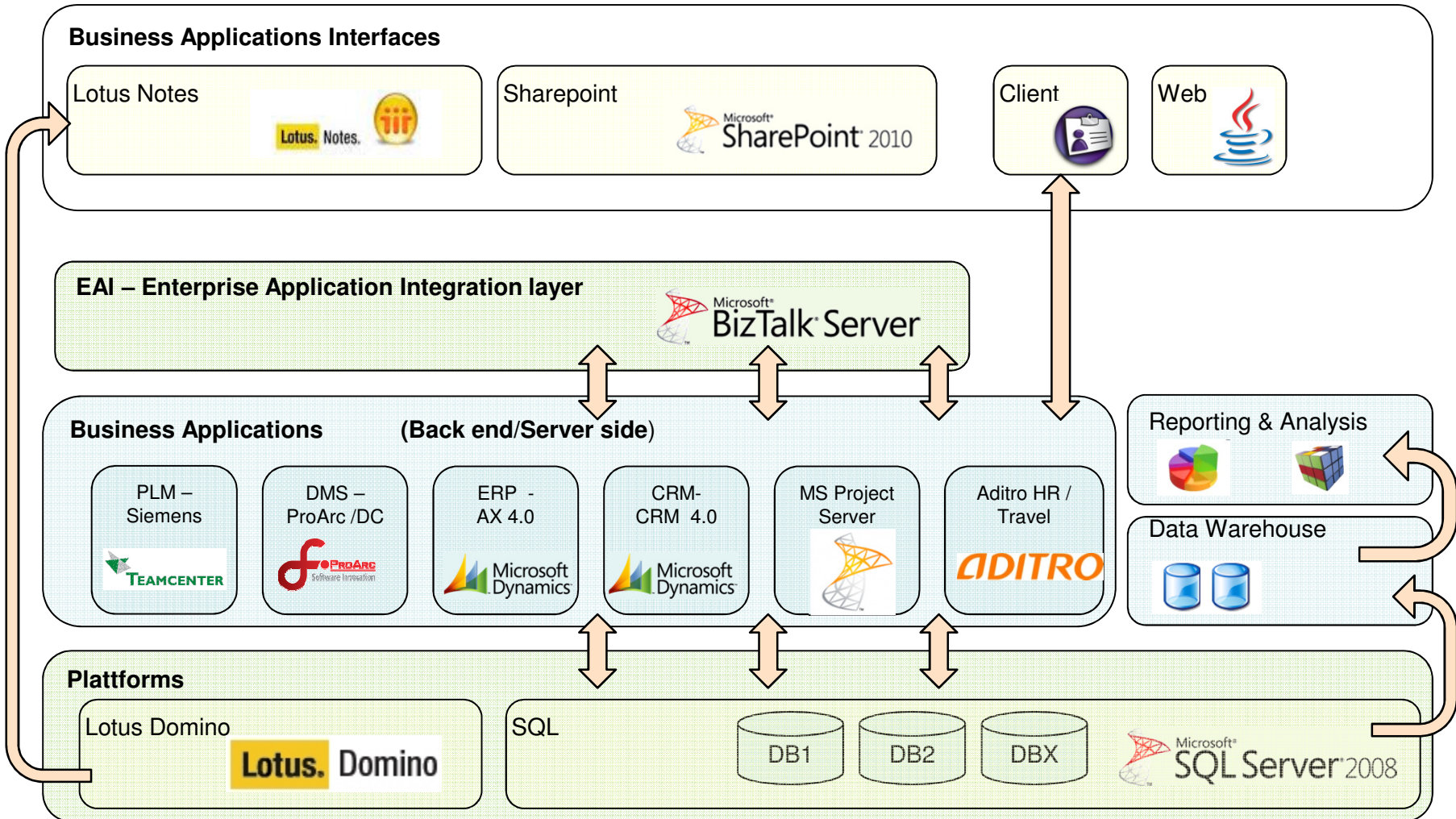
- Project Server competence
- Architecture
- Solution Design
- Solution Testing
- Training

Solution



Business Application Architecture

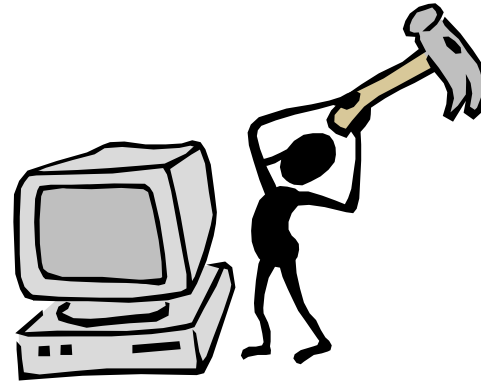
System Overview



Result

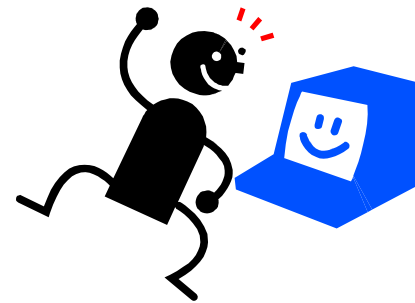
Initial pain:

- New planning system
- New planning methodology
- Stricter control on hours accounting



Long term benefits

- Far better accuracy in plans
- Progress is monitored.
- Change of focus accounting tool to planning tool
- Plans are now the basis for competence strategies, recruitment planning and assignments
- Plan data is used, adjusted and trusted by resource managers



A CULTURAL CHANGE

Lessons learned - Summary

- INVOLVE BUSINESS. Do not make it an IT project.
- Master data handling
- Use Cases.... And more Use Cases.
- Training is a good idea.
- CAB and Application Owner must be in place

Solutions to people and companies operating under extreme conditions



KONGSBERG is founded on 200 years of experience and the core values of determination, innovation, collaboration and reliability.

We are a worldwide knowledge-based environment who work closely together with customers and partners to develop advanced systems and technology for people working under extreme conditions.

Our solutions ensure safety and high performance in operations ranging from deep sea to outer space.

As such, we create value for our customers, owners, employees and society at large.

Visit us at kongsberg.com for more information



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