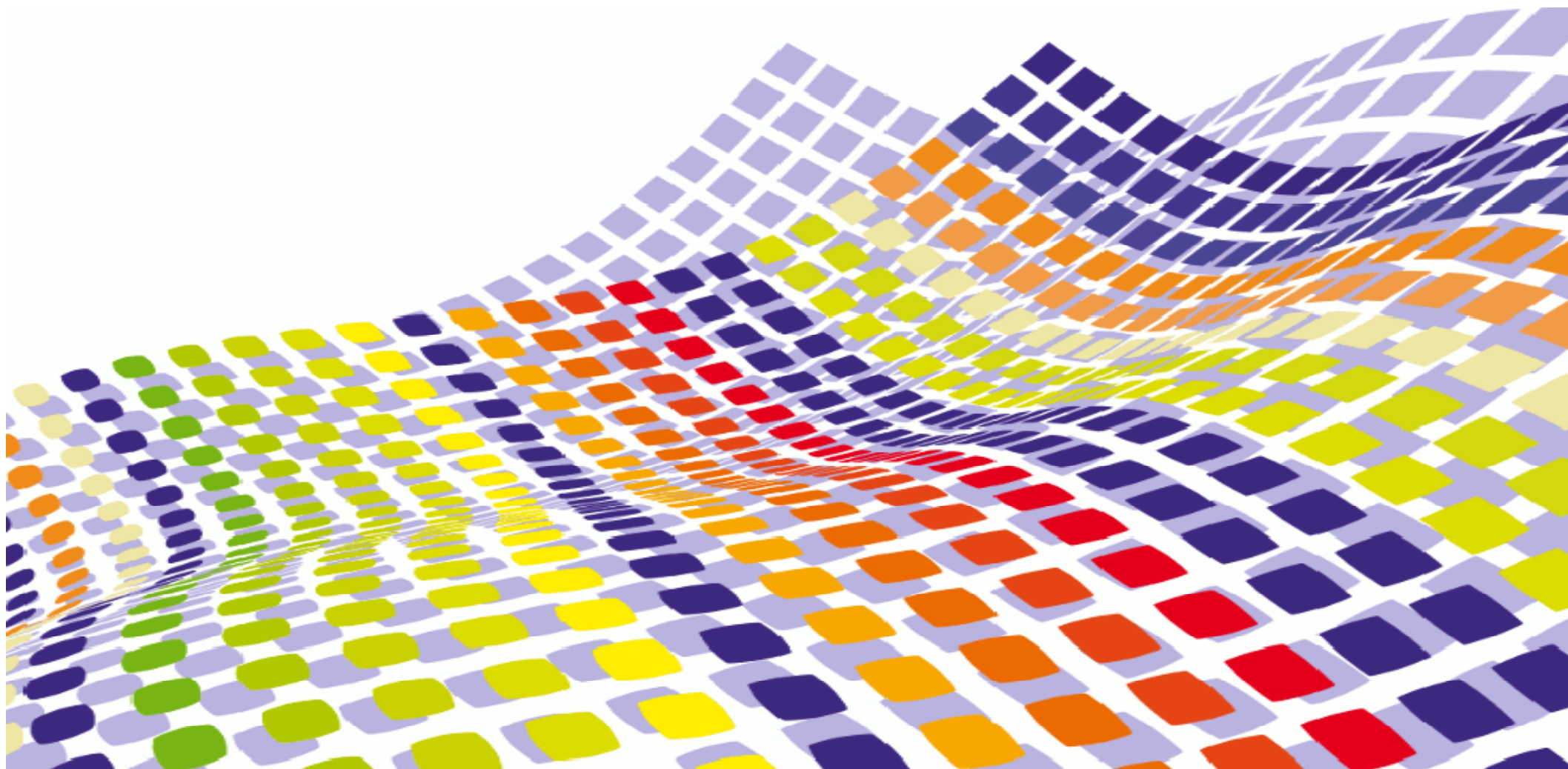


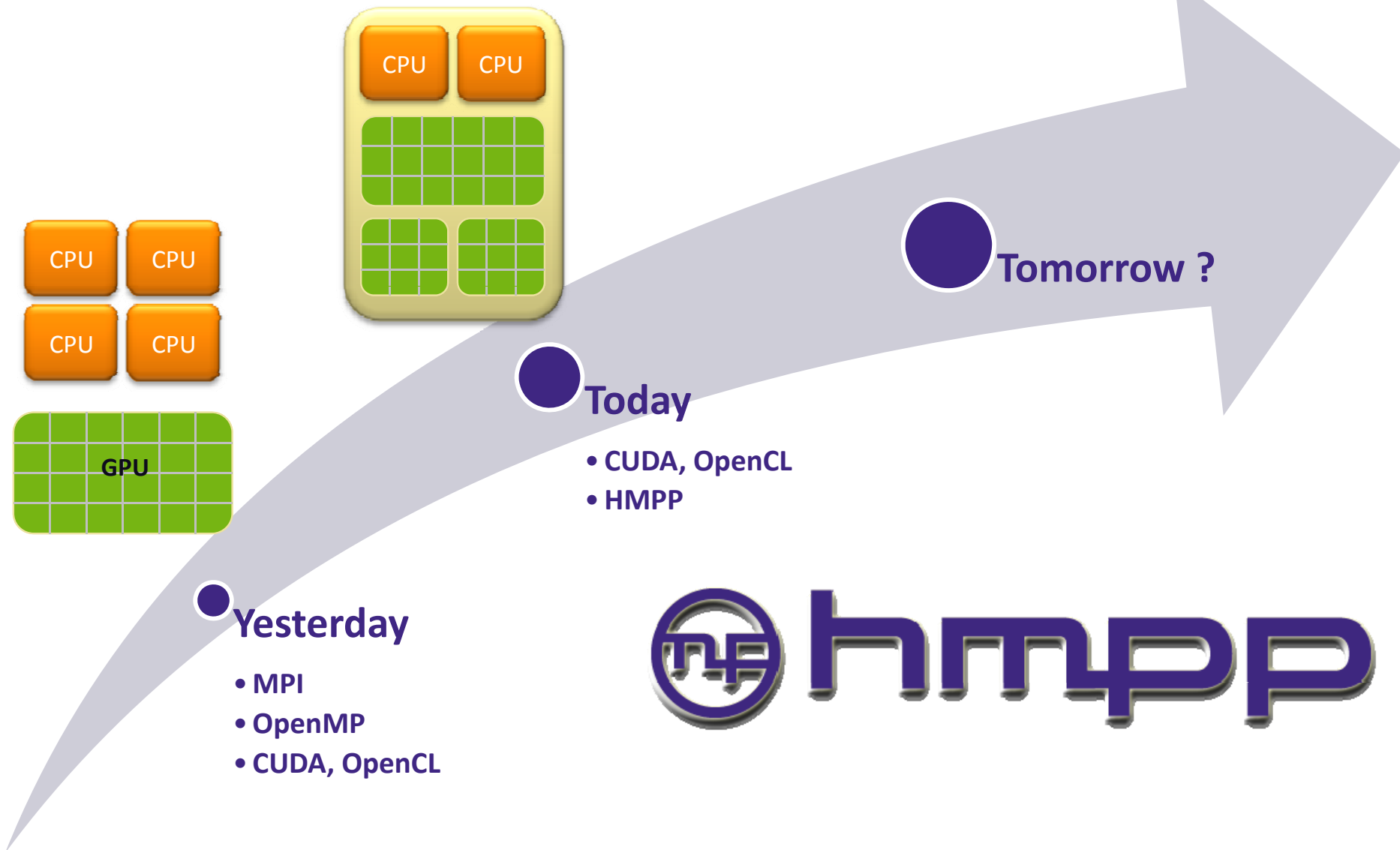
# Deliver the promises of manycore computing

CAPS Offer Presentation

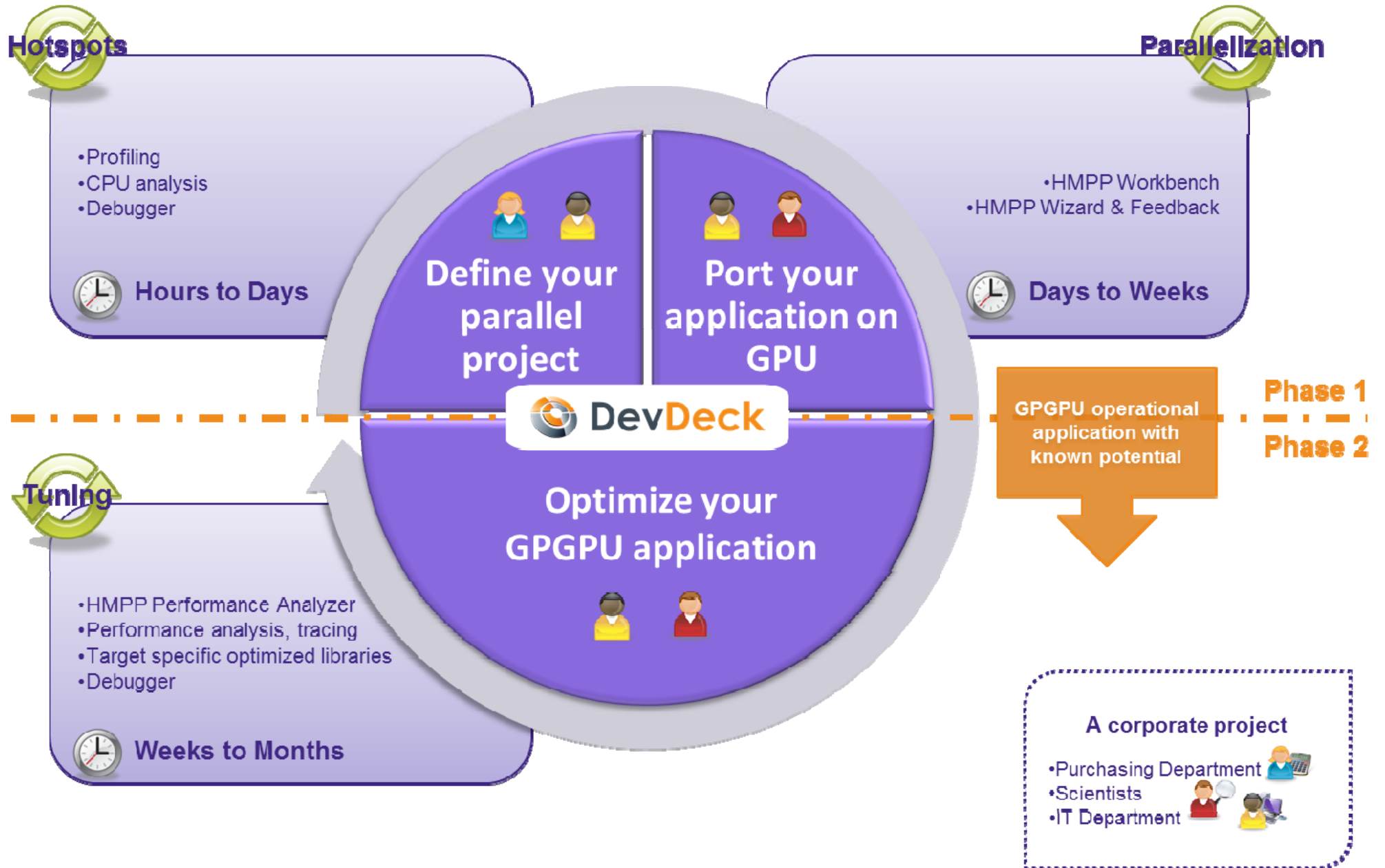


# One question...

*Are Your application ready for Manycore and...?*



# Our Methodology to Port Your Applications



# Examples of legacy applications

## Solar Energy

- Monte Carlo simulation for thermal radiation
- Resource spent
  - 1,5 man-month
- GPU C2050 improvement
  - x6 over 8 Nehalem cores



## Oil & Gas

- Seismic depth imaging
- Resource spent
  - 2 man-month
- GPU improvement
  - x4.4 over Intel Hapertown nodes



## Weather Forecasting

- A global cloud resolving model
- Resource spent
  - 1 man-month
- GPU C1060 improvement
  - x11 over serial code on Nehalem



## Computer Vision & Medical imaging

- MultiView Stereo
- Resource spent
  - 1 man-month
- GPU C2050 improvement
  - x120 over serial code on Nehalem



# Why CAPS ?

- Worldwide company
  - Americas, APAC, EMEA
- History
  - 10 years
- Turnover:
  - Profitable since end of 2009

### Customers

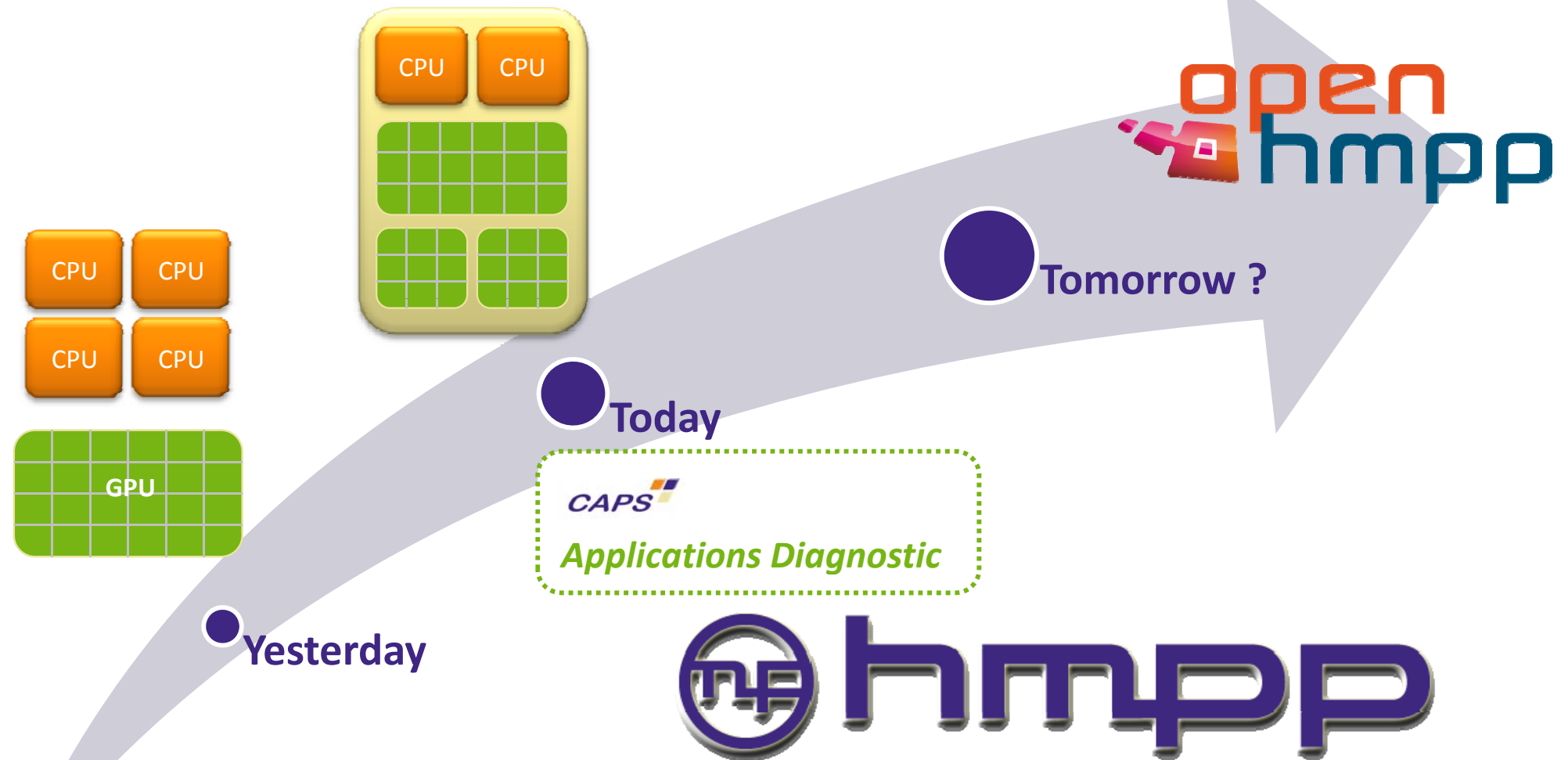
A grid of logos for various customers, including AWE, BNP PARIBAS, CHANG GUNG INSTITUTE OF TECHNOLOGY, ceia, DENSO (Member of the TOYOTA Group), EADS, GENCI, HLRIS, HUAWEI, ICHEC (Irish Centre for High-End Computing), Ifremer, ifp, intel, KEK, Mentor Graphics, NOAA (National Oceanic and Atmospheric Administration, U.S. Department of Commerce), ONERA (The French Aerospace Lab), SOLEIL SYNCHROTRON, Statoil, 東北大学 (TOHOKU UNIVERSITY), 東京工業大学 (Tokyo Institute of Technology), TOTAL, and OAK RIDGE National Laboratory.

### Business Partners

A grid of logos for various business partners, including abssoft, AMD (Smarter Choice), ANI (Perfect Your Life III), ASUS, BUL, CHPC TECHNOLOGY, CS, EXXACT CORPORATION, hp, IBM, intel, JCC Gimmick, Leadtek, Microsoft (Partner), NVIDIA, OpenMP, PRACE, and sgi.

# One Answer...

Don't wait ... anticipate the future



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