monster machines
When it comes to mining, it takes many machines and other mine site vehicles to get the job done. Mining excavators, draglines, dozers and other earthmoving equipment all have a part to play. Many of them are quite large, but there are a few that simply dwarf the competition.

let the beer flow
Thousands of people enjoy Oktoberfest each year, but most are oblivious to the hi-tech backroom operations which ensure the beer never runs out. On a good day about 75,000 one-litre mugs of beer will be sold in a tent. Software provided by global manufacturing giant Siemens allows the beer to be pumped quickly and reliably through the pipeline, which runs about one metre below ground, at up to 15 cm/s.

regulars
editorial

news & trends
Tesla to power an entire island
China’s new electric supercar is a beast

interview
In April of 1995, Steve Jobs, then head of NeXT Computer, was interviewed by the Computerworld Information Technology Awards Foundation

seen.heard.read
Interesting and useful books and websites

preview

the last straw

features
who is Watson?
In February, Watson, IBM’s cognitive computing system, marked its five-year anniversary of defeating two Jeopardy! champions. What has Watson been up to since winning Jeopardy?

pure power
Aerospace company Pratt & Whitney is integrating its new PW1000 PurePower engine into modern aircraft. The company wants to make them 15% more efficient using an unconventional approach to turbine engines.

harnessing the power of the sun
What if you could abolish all detrimental effects of current power generation with a generator able to produce one million times more energy than any chemical reaction?
**history – the Ruhr Valley**
In little more than 170 years, Germany’s Ruhr Valley saw the rise and fall of an entire industry. With high unemployment and idle factories, the region is now hoping culture can help it get back on track.

---

**doing business in south africa**
South Africa is driving economic growth in one of the most exciting continents in the world, but navigating the complex environment can be a burdensome endeavour without the right help on board.

---

**technology**
- basics: Open pit mines
- technical dictionary: Mining equipment
- history audio: We discover X-rays

**worldwide**
- topic: 20
  How social media is changing the world.
- travel: 42
  Australia is affluent, multicultural and laced with natural splendour. Most people come for a visit and stay forever. Nature, culture, sports and most of all very friendly, laid-back Aussies... not many place in the world can beat all this. A real shame this life is almost too short to fully explore the great southern land.

**language**
- business: 45
  - Work cultures
- common mistakes: 48
  - Numbers
- idiomatic english: 49
  - Word field: travelling
- phrases: 51
- grammar review: 52
  - Reporting has become a part of daily business. There are some grammar aspects that are interesting for writing reports.
- advanced learners: 55
  - Organising texts
- small talk with friends: 58
  - Budgets and economy
- crossword: 60