ABB’s partner in the Czech Republic, ALTRON, has recently announced that it has become the first company in the Czech and Slovak Republics to install, as part of a complex data centre solution, new cutting-edge ABB Conceptpower DPA UPS units.

The solution, implemented for a major Czech mobile operator and ICT solutions provider, contained, amongst other components, eight Conceptpower DPA 500 kW modular UPS units.

“I am pleased that we were able to provide our customer with cutting-edge technologies that unquestionably belong to the best available in the world today. Among their advantages is included high efficiency, reliability and fully autonomous control logic of individual modules. This is the first installation of this kind in the Czech Republic”, said ALTRON managing director Antonin Hemmer.

The Conceptpower DPA 500 product range from ABB Newave meets customer requirements for UPS systems from 100 kW to 3 MW and ensures maximum reliability as well as offering excellent CAPEX costs and minimal OPEX costs. ALTRON is an ABB channel partner and this installation has made them even keener to install other new ABB units and technologies.

There were several other important criteria: time, redundancy, space and cost. It did not take ABB’s representatives long to explain how ABB’s DPA was the best choice: The DPA offers easy installation – without interruption of DC operation – and maintenance, assuring continuity of critical processes, and is simple to integrate into the existing DC monitoring and management system. This UPS lends itself well to keeping the footprint small, too – ideal where real estate is limited – and when extra modules are added to the rack to cater for future power increase requirements, no extra floor space is taken up. The ABB brand and the fact that it was made in Switzerland were also factors.

Eight DPA 500s (3×100 kVA modules each) are replacing eight existing 480 kVA end-of-life standalone UPSs at the client’s data center. The idea is to reduce cost investment as the power requirement is currently lower (8×300 kVA ) than the installed UPS capability – but it must then also be easy to scale up to higher powers later. This is a situation tailor-made for the DPA.
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