



PACIFIC CONTROLS

# Pacific Controls partners with Berkeley Lab to develop technology to reduce energy usage in buildings



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Pacific Controls, the leading provider of ICT enabled managed services and converged engineering solutions for buildings and infrastructure projects globally, has partnered with Lawrence Berkeley National Laboratory to develop technology that aims to reduce energy use in buildings.

The Lawrence Berkeley National Laboratory, (Berkeley Lab), in Berkeley, California, managed by the University of California is United States Department of Energy (DOE) national laboratory that conducts a wide variety of unclassified scientific research for DOE's Office of Science.

The partnership, named the Building Research Incubator (BRI) project, will evaluate the integration of Berkeley Lab's focus areas including energy simulation, automated demand response, advanced electric metering and communication technologies using Galaxy, the state of the art platform of platforms. Galaxy, the state of the art enterprise service delivery platform, launched in 2010 and hosted on the Pacific Controls Cloud provides managed services across verticals for management of its ecosystem comprising of energy, real estate, homeland security, healthcare, hospitality, transportation, education, financial, industrial and retail.

Commenting on the partnership, Mr. Dilip Rahulan, Executive Chairman, Pacific Controls, said: "It is with immense

pleasure and honour that we announce our partnership with Berkeley Lab, an institution that has pioneered various science solutions over the last eight decades. Pacific Controls is funding for research staff to access real time building data and access all major projects as a research partner in managed energy services and demand response."

Mr. Rahulan added: "The partnership will strive to develop new technology solutions and standards that would help reduce energy consumption in buildings worldwide. We are hopeful that the partnership will help us and the industry to develop more effective tools for reducing energy use."

Dave Watson, program manager at Berkeley Lab said, "Our partnership with Pacific Controls has enabled us to conduct advanced energy research with great potential for both short-term and long-term benefits to society. We are fortunate to find private sector partners that share our vision".

Pacific Controls will provide funding and technical assistance with regard to integration with their products and gain insights into cutting edge research performed at Berkeley Lab. Pacific Controls will provide a global perspective to the research and guidance to help advance the state-of-the-art solutions in energy efficiency, demand response, sensors, controls and communications for buildings.

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## About Pacific Controls

Pacific Controls (PCS) provides ICT enabled managed services and converged engineering solutions for buildings and infrastructure projects globally. PCS has pioneered the technology for Smart Cities in which buildings and infrastructure are managed centrally to increase sustainability, leveraging the ICT infrastructure of telecom operators around the world.

[www.pacificcontrols.net](http://www.pacificcontrols.net)

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## About Berkeley Lab's Environmental Energy Technologies Division

The Lawrence Berkeley National Laboratory (Berkeley Lab) is a global innovation hub for science, technology, and policy solutions to the world's most critical energy and environment challenges. The Environmental Energy Technologies Division, performs analysis, research, and development leading to better energy technologies and reduction of adverse energy-related environmental impacts. The Building Technology and Urban Systems Department works closely with industry to develop technologies for buildings that increase energy efficiency, and improve the comfort, health, and safety of building occupants.

<http://eetd.lbl.gov>

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