



# Insplorion

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## Insplorion initiate feasibility study of battery sensor with global sensor technology company

**A global sensor and technology company with operations in automotive, heavy vehicle, and industrial markets is investing some \$50,000 in a feasibility study where the Insplorion battery sensor will be demonstrated in Li-ion battery pouch cells.**

The feasibility study will focus on investigating how Insplorion's battery sensor technology NanoPlasmonic Sensing can potentially provide an edge to an existing battery management system (BMS) and enable better State-of-Charge (SoC) and State-of-Health (SoH) estimates than currently possible. The BMS is the part in a battery pack that control and set limits on the overall battery performance to ensure battery health and safety. Better SoC and SoH estimates will enable better optimized battery operations such as shorter charge time, longer run time and improved battery health. Within the study, hardware related topics such as chemical and mechanical stability, and software related topics such as sensor signal correlation to SoC for different conditions will be in focus.

*"It is positive that we see an industrial investment in learning how our battery sensor can give a needed edge to their battery management system. It is a natural step following our developments from ongoing internal and EU-funded projects and can be a first step in a long and valuable relationship"*, comments Patrik Dahlqvist, CEO at Insplorion.

Questions are answered by:

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