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Fit-to-work safely

Smart solutions to improve the safety of workers
through on-the-fly vital signals analysis

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SAT at a glance

- Innovative Start-Up/SME founded in 2018, headquartered in Turin (Italy) with a global footprint
- Core team consists of senior executives/experts combining medical (sleep medicine/neurology), automotive, microelectronics and embedded SW KH
- Partnerships: Garmin, Politecnico of Turin, WHG, leading automotive OEMs/Tiers1
- ASCEND (<https://www.ascend-cp.com/>) is the capital partner of SAT, supporting a strong presence in Asia through local offices and high-level networking
- Focus on automotive, transport/logistics, exploration/mining, home-care
- Global pilot projects started (Italy, Australia, Japan)

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Multidisciplinary Skills

- SAT seamlessly combines medical skills (i.e. sleep medicine, neurology) with engineering skills (i.e. automotive, semiconductor technology, data science, biomedical)
- SAT has been developing innovative solutions for predicting/monitoring critical health events (e.g. fatigue, sleep/micro-sleep, impairment)

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Sensor agnostic and scalable solution

- Solutions based on vital signs only, extracted from different contact and contactless sensors



- Solutions designed for a wide range of applications where **on-the-fly assessment of the consciousness level of workers is crucial (fit-to-work safely)**



Company's Activities

- SAT is currently involved in JU running projects:

- AI4CSM (IFX)
- A-IQReady (AVL)
- cynergy4MIE (AVL)



- SAT is member of EPoSS:

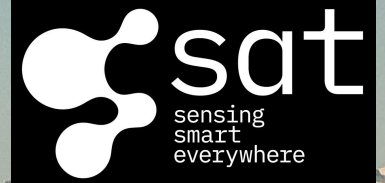
- Active in workshops / events
- Working on SRAs / roadmaps



Collaboration Expectations

Collaborative project of interest to you	<i>Chips JU, Horizon Europe</i>
Scope	<i>Development of new applications for healthy living based on new sensing technologies (e.g. wearable, short-range RADAR)</i>
Project idea	<i>Smart solutions for or a wide range of applications (automotive, transport & logistics, exploration/mining & home care)</i>
Project impact	<i>High impact thanks to the relevant international network through the capital partner</i>
Project consortium	<i>Searching for multi-disciplinary large projects offering: 1) expertise in smart vital signs analysis and innovative sensing technologies, 2) use-cases, experiments and in-field validation for a wide range of healthy living applications</i>
<i>Other information (e.g. project budget, duration)</i>	<i>3 yrs</i>

Contacts



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