

**Information for Business in Spectral Imaging Real Time Applications as Customer & User
Service (I4B SPARTACUS)**

The main purpose of the SSA I4B-SPARTACUS is the dissemination of spectral imaging news and facts, solutions and applications across different fields among the potential customer and user community provided by equipment manufacturers, solution providers and vendors of the technology complemented by state-of-the art up-dates from research by involved universities. Nearly each SME involved in spectral imaging is connected with one application sector and the technical progress is limited due to the small R&D budgets. Actually, no homogeneous spectral imaging arena can be identified. Single actors distributed across Europe are involved in singular activities in highly specialized applications. An industrial spectral imaging market exists only as a niche that is very fragmented and mostly latent. This requires over proportional efforts for marketing and acquisition that SMEs usually cannot afford. Neither cross-field fertilization nor information transfer does exist because of a lack of organized infra-structure for information exchange. I4B-SPARTACUS provides the exit from this situation because the special support action comprises a course of events and news media that strengthens the European performance in spectral imaging by targeting the customers and users of this technology in order to fertilize the market by dissemination of knowledge and experience from current projects. The aim of I4B-SPARTACUS is to push forward Europe's SMEs active in spectral imaging to the technological leadership for related sensors, optical components and processing systems for industrial process control and analytical instrumentation. The proposed project will increase the competitiveness and open new sales opportunities for the involved European SMEs for real-time applications as material sorting, colour metrology, food quality control and medical scanning.