With its ability to combine spatial and chemical information, spectral imaging addresses 3 major industrial and societal challenges:

challenges:

The deployment of industry 4.0, which induces a high demand for

for

Executive Summary

1. Introduction

- Study goals and objectives
- Information sources and methodology
- Glossary
- Context and Definitions
- Scope of the report
- List of companies

2. Highlights of the report

3. A market at a turning point

- Driver: demand for advanced analysis at lower cost
- Value chain and market definition
- Market players 2022
- Market data and forecasts 2017-2025
- Market analysis and remaining challenges

4. Hardware and software technology trends

- Introduction
- Segmentation of commercial technologies
- Multispectral imaging technologies:
 - Spatial scanning
 - o Snapshot
 - o Spectral scanning
- Hyperspectral imaging technologies:
 - o Spatial scanning
 - o Snapshot
 - Spectral scanning
- Technologies and cameras cost by spectral bands
- Data processing layers: