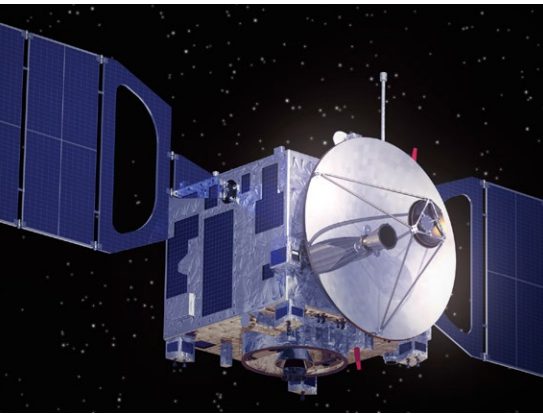




## CUSTOMER STORIES

### NEXT-GEN AEROSPACE APPLICATIONS WITH EXTREME ON-BOARD POWER & MEASUREMENT REQUIREMENTS



**Aerospace leaders now “expect more” from Isabellenhütte’s innovators for uncompromising performance—and total supply-chain confidence**



#### CHALLENGE

Two big developments of recent years have aerospace OEMs looking closely at their resistor and power-management component suppliers: **1.** On-board power systems are more complex than ever and **2.** Supply-chain excellence (once a “given”) must now be carefully examined and confirmed.

#### SOLUTION

Isabellenhütte has a globally earned reputation for both component performance and supply-chain confidence for precision and power resistors—for clocked power electronics. In addition to low inductance and high load capacity, our products offer minimal temperature coefficients—with low thermal EMF <50 ppm/k, even with values below 10 mOhm. For aerospace innovators who are looking to deliver ultra-long-term stability in their circuitry, Isabellenhütte’s wide range of space-certified options includes (see chart):

| Model | Package Size | Wattage |
|-------|--------------|---------|
| SMP   | 2010         | 1 W     |
| SMS   | 2512         | 2 W     |
| SMT   | 2817         | 3 W     |
| SMV   | 4723         | 3 W     |

#### APPLICATION

Around the world, Isabellenhütte has met the highest performance standards for aerospace suppliers for more than 20 years, including:

- SCC 4001/027 and ESCC 4001/028
- DIN EN ISO 14001 / DIN EN ISO 50001
- IATF 16949 / DIN EN ISO 9001
- REACH / RoHS 2011/65/EU
- Gapless documentation/materials tracing
- AEO-F-certificate
- DIN EN ISO/IEC 17025
- Calibration Laboratory Accredited