THE TECHNOLOGY COLLECTION includes the Advanced Technologies & Aerospace Database, the Materials Science & Engineering Database, and the Military Database. Faculty, graduate, and post-graduate students will find comprehensive coverage from thousands of full-text titles including peer-reviewed journals, trade publications, books/monographs, conference proceedings, reports, newswires, video material, and much more.

For those who need to dive deep into their discipline with comprehensive literature reviews, we include a wide range of discipline-specific A&I databases for fast discovery of relevant content. Editorial input into content selection, controlled vocabulary, and indexing bring structure to the literature making it easier for researchers to efficiently discover relevant papers within their discipline.

Libraries sometimes struggle to justify the investment in specialized abstract databases that advanced researchers need because of their niche appeal. We have expanded the appeal of our specialized databases – leading to significant increases in usage – by simplifying the interface, including full text, and combining very specialist databases into broader subject groups, with content in adjacent disciplines.

The Technology Collection is a full-text database supported by specialized A&I files. Its content covers comprehensive scholarly output and is managed by an expert editorial team overseeing content selection and indexing supported by a controlled vocabulary, and comprises:

- **Military Database** – Full-text titles from military literature from around the world, including scholarly journals, trade and industry journals, magazines, technical reports, conference proceedings, government publications, and more.

- **Advanced Technologies & Aerospace Database** – Includes the renowned Aerospace Database and provides full-text titles from around the world including scholarly journals, trade and industry journals, magazines, technical reports, conference proceedings, government publications, and more.

- **Materials Science & Engineering Database** – Indexes the world’s most important materials science and engineering literature and combines it with carefully curated full text including scholarly journals, trade periodicals, magazines, technical reports, conference proceedings, government publications, and more.

**Subject areas include:**

- Advanced technologies
- Aerospace engineering
- Automotive engineering
- Bioengineering and biotechnology
- Chemistry and chemical engineering
- Civil engineering
- Communications
- Composites
- Computer science
- Construction materials
- Earthquake engineering
- Electronics and electrical engineering
- Engineered materials
- Environmental engineering
- Homeland security and terrorism
- Industrial and manufacturing engineering
- International relations
- Materials science
- Mathematics
- Mechanical engineering
- Metallurgy
- Military and defense
- Nanoscience and nanotechnology
- New technologies
- Physics
- Polymer science
- Steels, alloys, and non-ferrous metals
- Telecommunications
- Transportation engineering
About the Technology Collection

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