CDG, a Boeing Company, is a world-class strategic partner for engineering-driven organizations that develop, support and maintain complex equipment. The company leverages a strong history of more than 40 years of experience to provide industry-leading technical services and software solutions for defense and space, commercial aviation, manufacturing, energy, and other engineering-focused industries.

CDG Services and Solutions include:

- **Technical Publications Authoring & Conversion Services**
  - S1000D™ and ATA Technical Publications Authoring
  - S1000D™ Training & Consulting Services

- **Technical Publications Authoring & Delivery Software Solutions**
  - Inmedius® S1000D Publishing Suite™
  - Inmedius® ATA Publishing Suite™
  - DITA Storm Suite™
  - Smart IPC™
  - Wiring Illuminator Web™

- **Learning Content Authoring & Conversion Services**
  - eLearning & Computer-Based Training (CBT)
  - SCORM® Compliant, ATA 104 Level 1-3

- **Learning Management System (LMS) Software**
  - Inmedius Generation21™
  - Omnibus Learning Management System

- **Engineering Services**
  - Design Services, Reconfiguration, CAD Conversion

- **Analytics Software & Services**

- **Defense Program Services & Software**
As a result of its recent acquisition by the Boeing Company in May, 2012, Inmedius, Inc. recently became an integrated part of the CDG organization. Inmedius, a Boeing Company, is a global leader in delivering innovative, performance-oriented applications and services that capture, create, manage and deploy information and learning assets. In addition to defense program services, Inmedius provides Content Management, S1000D, ATA, DITA and learning management lifecycle solutions for publishing, aerospace, defense, government, manufacturing, and health care organizations worldwide.

The addition of Inmedius software combined with CDG’s technical documentation and eLearning content development services enables CDG to offer complete end-to-end lifecycle solutions to create, manage, and deliver technical publications and eLearning content. For more information on Inmedius software solutions, visit www.inmedius.com.
CDG offers a broad range of services and software solutions to support the entire engineering and technical content management lifecycle.

### Technical Publications

CDG is a recognized world leader in the development of technical documentation to support engineering-focused industries. Our technical documentation support services include:

- **Technical Authoring Services**
  - Aircraft Maintenance Manuals (AMMs)
  - Component Maintenance Manuals (CMMs)
  - Illustrated Parts Catalogs (IPCs)
  - Service Bulletins (SBs)
  - Structural Repair Manuals (SRM)
  - Wiring Diagram Manuals (WDM)
  - Fault Isolation and Troubleshooting Manuals
  - Final Assembly & Delivery Instructions
  - Many more

- **S1000D™ Authoring, Training, Consulting**

- **Content Conversion Services**
  - Many Formats Supported: S1000D™, ATA iSpec2200, DITA, MIL-PRF 87269, others

- **Interactive Electronic Technical Manuals (IETMs and IETPs) Authoring and Software**

- **Parts Data Management Services**
  - Provisioning Data / T-Files Development
  - S2000M™
  - ISDP - In-Service Data Program for Boeing Suppliers & Operators

### Technical Publications Software

CDG and Inmedius have developed a number of software applications supporting interactive electronic technical manuals/publications (IETM/IETP) authoring and delivery and content management.

#### Inmedius® S1000D Publishing Suite™

The Inmedius® S1000D Publishing Suite™ is an end-to-end software solution designed to support the entire S1000D documentation lifecycle. This comprehensive set of tools incorporates all of the key functions of S1000D, including content management, authoring, quality assurance, viewing and publishing in a single integrated solution. The business process driven approach of these integrated applications incorporates robust workflow controls throughout the content authoring and delivery lifecycle. The S1000D Publishing Suite also includes capabilities to easily transform S1000D technical content into SCORM® compliant eLearning courseware to support training programs requirements.

#### Inmedius® ATA Publishing Suite™

The Inmedius® ATA Publishing Suite™ is a browser-based solution designed to successfully manage the lifecycle of ATA iSpec2200 technical documentation for commercial aircraft. These comprehensive software tools support and integrate the key functions of managing, authoring, viewing, and publishing ATA data, while providing precise control over documentation delivery, including support for PDF files and Interactive Electronic Technical Manuals (IETM).
Smart IPC™

Smart IPC™ provides a highly specialized, interactive Illustrated Parts Catalog (IPC) easily accessible via a web browser interface. Smart IPC integrates Illustrated Parts Catalog information with parts provisioning and equipment-specific configuration management data, all linked and accessible via a single application. Smart IPC supports integrated technical data delivery for mixed fleets of aircraft or equipment from different OEMs, and is customized to each operator’s allowable configuration requirements, so users only view data applicable for their fleet. Smart IPC facilitates parts-related communications and transactions across multiple departments, and can be linked to various ERP parts inventory and procurement systems. This integration enables direct export of parts lists from Smart IPC to query inventory and other systems. Users are able to view and interact with screens in external parts sourcing systems from within the Smart IPC application.

Wiring Illuminator Web™

Wiring Illuminator Web™ is a wiring data system that reduces the time, effort and associated costs of troubleshooting complex wiring systems. It provides a single integrated source for wiring and component data, delivered in an easy-to-use browser-based interface that can run as a network client or stand-alone. Wiring Illuminator Web was developed to support maintenance requirements of critical systems in a military environment. It has been successfully deployed for the F-15 and F-18 fighter aircraft, C-130 transport aircraft, and Apache Longbow helicopter programs for the U.S. and other military programs worldwide. It is adaptable to accommodate requirements for commercial, non-military equipment as well.

CDG Secure On-Demand™

CDG Secure On-Demand™ is a hosted document repository specifically designed to provide access to documents in a tightly controlled and highly secure environment. It is ideal for situations where high volumes of legacy documents have been scanned to digital files or native files need to be presented in a secure platform that can be accessed by internal and external team members. Featuring an easy-to-learn, user-friendly interface, Secure On-Demand accommodates internal document sharing within a department or across the entire organization. It can also manage the secure sharing of content outside of your corporate firewall as well, enabling you to interact with customers, business partners, and suppliers in a highly protected environment. With its sophisticated viewing rights management, Secure On-Demand gives you total control over access to your content for all users, whether internal or external.
Training Solutions

eLearning Content Services

CDG can work in partnership with you to create captivating, engaging and cost-effective training materials. Our services to support your training requirements include:

- **Training Content Development** - including eLearning and Computer Based Training (CBT) delivered as AICC and SCORM® compliant content
- **Content Conversion** - Transformation of existing content into dynamic, interactive eLearning modules
- **Content delivery in multiple formats**, including:
  - Internet or Intranet delivery platforms - supporting “self-paced” student modules and scenario-based evaluation
  - Modules to support instructor-led classroom training sessions
  - Training materials packaged on CD/DVD
- **Evaluation, Testing and Student Profile Administration**
- **Integration with a number of leading LMS (Learning Management System) software platforms**
- **Training Needs Analysis (TNA)**
  - Analyze and review requirements to create a detailed brief of statements of work using current methodologies
  - Provide customer with a detailed project plan and scope of work to support full understanding of how work will be constructed

CDG can provide full circle solutions by assisting in development of engineering data, authoring related technical publications, and developing eLearning modules. This reuse of engineering related content maximizes consistency and efficiency in your technical documentation and training materials.

CDG also offers a global team of hundreds of engineers and technical content specialists with strong domain expertise.

Many on our team also have practical hands-on experience and in-depth understanding of how complex equipment operates in a real-world environment, and can apply this knowledge to create more relevant and useful training materials.

Learning Management System (LMS) Software

**Generation21™**

Generation21™ from Inmedius is an end-to-end enterprise Learning Management System (LMS). First to offer reusable learning objects, performance support technology and true tailored learning, the fully integrated SCORM® compliant Generation21 delivers enterprise-class learning functionality at an affordable price. Generation21 application programming interfaces (APIs) enable seamless integration with ancillary products, including: competency management, salary administration, succession management and social networking platforms. Easy to implement, maintain and use, this comprehensive Learning Management System facilitates the best possible return on your education and training investment.

**Omnibus Learning Management System**

For small and mid-sized businesses, the Omnibus Learning Management System from Inmedius is robust, but competitively priced. With its web-based interface, Omnibus is easy-to-use and implement with instant access and ROI, providing organizations with the most affordable and feature-rich eLearning solution available. Users select from a complete set of eLearning and Instructor-Led Training based Apps to create a truly custom E-learning solution. Omnibus provides an approach to learning management that is fully customizable, complete, and flexible. Its open architecture enhances training and development by enabling users to directly access external apps, including Google Gadgets, Twitter, Facebook®, and Web-based email services like Gmail™.
Engineering Services

Fast-paced, engineering-focused industries demand flexible resource strategies and immediate access to advanced engineering support. CDG offers a broad scope of Engineering Services to support the entire engineering lifecycle.

CDG Engineering Services include:

- Manufacturing Support Services
  - Manufacturing Support Analysis
  - 3D Modeling and Simulation Services
  - Composites / Materials Engineering and Selection
  - Discrete Design Optimization
  - Safety Analysis / Engineering
  - Reliability and Maintainability
  - Tool Design

- Engineering Design Services
  - Conceptual Design
  - 2D Design & Detailing
  - 3D Modeling
  - Conversion Services
  - Engineering Project Management

To support your engineering projects, CDG also has expertise in a number of the leading engineering software tools and platforms, including CATIA, ENOVIA, DELMIA, Pro/E, Solidworks and many others. We also offer Engineering Data Conversion services to support conversion of files to or from any standard formats.

Digital Imaging / Document Scanning

CDG offers digital imaging/scanning and indexing services for virtually any size document or media format at your facility or ours.

- Engineering/ Blueprint Drawing Scanning
- Paper Scanning (A size up to 54”x 240”) – Color and Black and White
- 16mm & 35mm Microfilm & Microfiche Scanning – bi-tonal & grayscale
- Aperture Card Scanning with Hollerith reader

- Book Scanning – (A to C size) - Color and Black and White
- Document Destruction Services (available on-site or off-site)
- Rapid Mobile Deployment of trained employees and scanning equipment

Scanned image files can be converted for delivery in a number of selected engineering software formats and delivery platforms. We also can prepare files for direct loading into numerous commercial document and content management software platforms. Other media delivery options include CD-ROM, SFTP, DVD, or access via customized web-based repositories.

CDG offers high security facilities for processing of documents in multiple media formats, including documents containing confidential and sensitive information. CDG imaging facility security provisions include:

- Access Limited to Screened and Authorized Personnel
- Security Cameras On Site
- Barcode Tracking of All Customer Materials
- Security Clearances to Handle Sensitive and Confidential Documents
Advanced Technologies

Advanced Analytics Solutions

Entity Analytics is a powerful technology that allows for discovery of insights that are hidden within "big data". It is used to enhance operational decision-making, to understand options, and to anticipate what will happen next. Entity Analytics enables recall and analysis of all relevant things and all the associations between those things that exist in your data.

CDG provides advanced analytics services combined with sophisticated analytics software tool offerings from alliance partner, Saffron Technology, Inc.

The Advanced Analytics Service offering is broken up into three major areas:

- Preparation and Cleansing (including Extract, Transfer, Load - ETL)
- Configuration and Ingestion
- Visualization and Analysis

Advanced Analytics Solutions will enable your organization to make optimum maintenance decisions to keep your operations running smoothly and efficiently.
Our History

Continental DataGraphics (CDG) was established in 1969 as an innovative new data management services division of Continental Graphics Corporation, a successful printing and reprographics service company. With strong leadership and vision, the company recognized a unique moment of opportunity when data management services were just beginning to take root in the business world. Its newly created CDG division was driven to occupy a niche in the growing field of parts data management services for complex equipment. As a result, CDG helped to diversify its parent company’s service offerings and positioned itself for growth well into the future.

In the 1980’s, the company expanded and opened new offices in Europe and began to increase its software development capabilities. CDG was later acquired by The Boeing Company in 2000 and became a wholly-owned subsidiary.

In May, 2012, CDG acquired Inmedius, an industry-leading software and services provider. The addition of Inmedius software combined with CDG’s technical documentation and eLearning content development services enables CDG to offer complete end-to-end lifecycle solutions to create, manage, and deliver technical publications and eLearning content.

Today, CDG has grown to more than 1,300 employees across numerous global locations throughout the US, UK and India. Each year, CDG employees deliver more than 2 million hours in the production of complex, mission-critical technical publications and other technical and engineering information for The Boeing Company and other commercial customers around the world. CDG has built a reputation as a leader in technical documentation and other engineering-focused services and software solutions.

CDG offers a solid history supported by more than 40 years of proven experience in handling high volume, complex information management projects. Our employees are constantly integrating new ideas into our processes, striving for higher quality standards, and applying Lean principles to help CDG deliver highly efficient and cost effective solutions for our customers.

Our Customers

CDG’s customer base includes a broad spectrum of organizations across multiple industry sectors. Some of our customers include:

- AEBI Schmidt
- American Airlines
- BAE Systems
- The Boeing Company
- Eaton Corporation
- Flowserve Corporation
- General Dynamics C4 Systems
- Global Aeronautica
- Goodrich
- Hawker Beechcraft Corporation
- Ipeco
- International Airlines Technical Pool (IATP)
- Lockheed Martin
- Messier-Dowty
- Ministry of Defence — U.K. (MoD)
- Northrop Grumman
- Raytheon
- Rolls-Royce
- Spirit Aerosystems
- United Airlines
Commitment to Quality Assurance & Security

At CDG, we are driven by a commitment to our customers to provide the highest level of quality service, security, and responsiveness. CDG continuously adheres to stringent security and regulatory standards. We ensure confidentiality of proprietary and sensitive information while performing extensive volumes of work for government agencies, the defense sector, airlines and other organizations.

All of CDG’s facilities utilize an ISO 9001:2008 certified Quality Management System and the majority of our facilities have also received ISO 14001 Environmental Management Certification. CDG’s commitment to compliance with ISO 14001 Environmental Management guidelines enhances its business practices, by taking into account the impact on the environment. Our UK facilities have received an ISO BS EN 9001:2008 accreditation for quality management.

Industries Served

CDG services and solutions have been successfully applied across these industry sectors:

- Commercial Aviation & Aerospace
- Defense & Space
- Manufacturing
- Energy

By focusing exclusively on a few core industries, CDG is able to add value by providing our customers with a highly informed perspective on the specific issues they may face. We strive to provide the highest quality products and services supported by our strong knowledge of leading edge technologies. We also make an additional effort to gain a thorough understanding of each industry we serve, and the requirements of each of our individual customers as well.
Our Governance Model: Supporting You with Global Resources

Many organizations have turned to outsourcing and off-shore solutions as ways to increase capacity, lower price or provide capabilities they require. But too often these firms fail to fully account for the costs and complexities involved in implementing a global resourcing model for engineering services and technical documentation. CDG has solved this problem for our customers by offering a Governance Model that provides the cost efficiencies needed while eliminating the customer’s responsibility to manage remote, off-shore teams.

At CDG, we have a highly experienced and capable staff at key locations around the globe. Our teams can be brought into action quickly to meet customer needs in the most cost effective manner possible. And our customers never have to coordinate across multiple time zones when planning project meetings – CDG takes care of the global resourcing and completes the tasks, on time and on budget.

Our relationship with the customer is a Partnership, rather than a series of transactions. CDG sets up projects so the customer has maximum visibility at all levels, while CDG is responsible for all global resource coordination and project deliverables.
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