CS, a leading group

As a prime contractor in designing, integrating and operating mission critical systems and secured infrastructures, CS supports its customers across their entire value chain.

CS has a unique position, sustained by three key competitive advantages:

- large complex projects management capability,
- integrated design, build and run know-how,
- innovation and teamwork in the interest of successful change strategies.

Today, major customers regard CS as an established provider, recognized for expertise, commitment and service spirit among all of its employees.

€ 345.5 million in sales

3,200 employees worldwide
Corporate governance

BOARD OF DIRECTORS

Chairman
Yazid SABEG

Vice Chairman
Gérard JOUSSET

Directors
Olivier BARRE
Gérard JOUSSET (since March 15, 2005)
Bertrand LARRERA de MOREL
Gilles MARCHIAT
(on his own behalf up until March 15, 2005, and as the sitting representative of SAVA & Cie, since March 15, 2005)
Patrice MIGNON
Jean-Bernard OUVRIEU
Claude PIERRE-BROSSELETTE (until September 16, 2005)
Michel SCHELLER
Jean-Pascal TRANIÉ
Antoine VEIL
SAVA & Cie, represented by Éric BLANC-GARIN (until March 15, 2005) and by Gilles MARCHIAT (since March 15, 2005)

Statutory Auditors
DELOITTE & Associés
CONSTANTIN Associés

Substitutes
B.E.A.S.
Gilles CART-TANNEUR

Ownership at April 30, 2006
SAVA & Cie holds 48.10% of issued share capital of CS Communication & Systèmes and has 64.35% of voting rights.

Audit Committee
Compensation Committee
Strategy Committee
Dear shareholders and customers:

Growth through innovation is a pillar of our group strategy. It is even more relevant, since we are working “at the heart of our customers’ businesses” in order to deliver this innovation. Why? I can think of two major reasons. Firstly, our position is unique as consultants in architecture and technologies, and as prime contractors and operators for large projects and high-performance infrastructure. We need to focus constantly on this differentiating characteristic.

Secondly, our corporate culture and tradition of fostering partnerships and alliances leads us naturally to benefit broadly from our expertise in markets, where we are already leading in France and Europe.

It is over the long run that CS intends to bring all of these resources to bear, and particularly its human resources, in order to share its successes with its shareholders, customers and employees.

YAZID SABEG

COMMITTEES CONSTITUTED BY THE BOARD

The corporate governance of CS involves three committees:

Audit Committee
The role of the Audit Committee is to ensure the relevance and continuity of accounting methods, adopted to prepare the consolidated and company financial statements, to verify that the internal procedures for collecting and checking information are properly applied, and to ensure that information provided to shareholders is of appropriate quality. In this capacity, the Audit Committee examines accounting and financial documents (draft budgets, annual financial documents disseminated by the company, and draft half-year and full-year company and consolidated accounts) before presentation to the Board. The Audit Committee met five times in 2005.

Compensation Committee
The Compensation Committee makes proposals to the Board concerning:

- emoluments paid to the Chairman of the Board, the Chief Executive Officer, company legal agents and members of Executive Management,
- compensation through stock options, pension or provident rights, and fringe benefits.

The Compensation Committee met nine times in 2005.

Strategy Committee
The Strategy Committee is responsible for making suggestions to the Board concerning:

- consistency of the master plans implemented by the different CS divisions and subsidiaries,
- definition of general mid-range strategy for CS.

The Strategy Committee did not meet in 2005.
Interview
with Éric Blanc-Garin
Chief Executive Officer

Our mission is to manage for our customers benefit the design, integration and operation of mission critical systems and high-performance infrastructures. Today, CS is reputed as a best-in-class provider for large, complex project management. This expertise, which differentiates the company in the marketplace, lets us partner with our customers for their most critical projects.

CS is a partner of choice in major economic sectors, such as defense, aeronautics, space, energy, transportation, the public sector and finance. CS provides innovative technologies in order to build global systems and high-performance infrastructures that strongly contribute to maintaining a competitive edge for our customers.

Dynamic growth in promising markets

In 2005, our business in systems design and integration “Build” enjoyed continuous sales growth and profitability, which confirmed the development dynamic of these activities, blending the market-specific skills of CS with its verve for technological innovation. For instance, CS highlighted the relevance of its positioning in the promising market of homeland security and its ability, as a prime contractor for mission critical systems, to meet the most demanding security requirements.

A growing need for security, combined with technological evolution, is leading many organizations to rethink their systems in terms of protection for...
people, for sites and also for IT infrastructures, just a few of the hot topics in which CS is investing. With a view to our systems operation business "Run", strategic restructuring accelerated in order to realign it with the overall stance of the company. Consequently, we have progressively wound up contracts with low value-added as well as terminating or renegotiating unprofitable contracts.

We also strengthened our position in managed, secured networking services, focusing our knowhow on the design, integration and operation of infrastructure in order to meet a trend towards convergence between information and communication systems. A significant contract award for worldwide networking supervision and operation was from Sanofi-Aventis.

We are now deploying this differentiating offer, which simultaneously satisfies customer policy requirements for security, upgradability and quality of service.

Our priority is profitability
In March 2005, we implemented a plan to restructure our systems operation business "Run". The aim was quick productivity gains and reduced overheads for the group in order to meet our objective of 12 percent of sales by the beginning of 2006. In 2005, group net income was impacted by these measures. However, we now look forward to 2006 with confidence knowing that we are set to improve operational profitability - with the objective of the return to operation breakeven of the "Run" activity - and the growth of net income.

Also in 2005, we pursued the training program for our project managers. A special team focused on sharing best practices and an appropriate evaluation of risk with regard to our large projects. At the same time, we implemented the Capability Maturity Model Integration (CMMI) process for software development and the Information Technology Infrastructure Library (ITIL) set of rules for information systems operation. Adherence to these two benchmark frameworks is vital to our project management activity. In addition, we furthered our efforts to go "offshore," particularly through our subsidiaries in Romania and Croatia, in order to optimize the cost of deliverables while ensuring an appropriate level of quality and service. In fact, our two subsidiaries are known for their technological excellence in the areas of real-time software development, command and control, and high-performance infrastructures.

Expertise and innovation
Our power of innovative is shown by the active participation of CS in four competitiveness clusters, recognized at a global level. Innovation is our reason for being. Our customers appreciate our experts and expect them to partner in change strategies and drives to implement best technological solutions. We are strengthening the deployment of our expertise, with the intent of meeting the technological challenges of our customers.

Our ambition is business development and expansion abroad
Today, 88 percent of CS invoicing is in France. Our challenge for 2006-2008 is progressively to increase our market share outside of France, so that it achieves a level of 20 percent of our group’s activities. CS has a strong position through its skills and is set to replicate its experience by moving into other countries. We are negotiating or have concluded industrial and commercial partnerships in the fields of defense, homeland security and intelligent transportation in order to grow our sales and presence abroad.
2005 KEY FIGURES*

ON THE PATH TO GROWTH

In 2005, restructuring was completed.

In 2006, the focus will be on sales development and improved operational profitability.

CS group consolidated sales for financial year 2005 amounted to €345.5 million, up 8.1% (4.4% at comparable scope and exchange rates) over the previous year. In France, 2005 sales increased by 11.8% (7.4% at comparable scope and exchange rates) compared to 2004.

Operating margin for 2005 reached €7.5 million, rising 20.4% over its level a year ago and representing 2.2% of sales against 1.9% in 2004.

Provisions for expenses contingent to restructuring impacted net income; it was nonetheless positive for the second half of 2005.

* Amounts under IFRS

Sales by geographic region

- 88% France
- 7% Europe & Middle East
- 5% Americas

Sales by business activity

- Build: 73% of sales
- Run: 27% of sales
In 2005, business activities in consulting and mission critical systems integration “Build” reported organic growth of 11.2 percent, which confirms their development dynamic. The book-to-bill ratio was 1.06, which reflects a satisfactory order book situation. Operating margin rose 46.8 percent to €14.1 million, representing 5.4 percent of sales.

In 2005, sales for mission critical systems operation “Run” amounted to €96.5 million, as foreseen declining by 8.6 percent compared to 2004. Sales recovered in the second half of 2005, showing a book-to-bill ratio of 1.32 (1.02 for the full year). The operating loss for the business was €(4.7) million, compared to a loss of €(2.0) million in 2004. This was mainly due to losses incurred on three projects, now terminated, and before the impact of the year’s restructuring plan in order to return the activity to profitability in 2006.

Having completed its restructuring process, CS now fully focuses on business development, both in France and abroad. Furthermore in 2006, it is set to benefit from improved profitability in operations and from growth in net income.

### Business in 2005

#### Consulting and systems integration “Build”

<table>
<thead>
<tr>
<th>In 204 million</th>
<th>2005 1st half</th>
<th>2005 2nd half</th>
<th>2005 Variation 05/04</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales</td>
<td>219.7</td>
<td>126.5</td>
<td>130</td>
</tr>
<tr>
<td>Operating margin</td>
<td>9.6</td>
<td>6.1</td>
<td>8.0</td>
</tr>
<tr>
<td>% of sales</td>
<td>4.4%</td>
<td>5.0%</td>
<td>6.2%</td>
</tr>
<tr>
<td>Systems</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>operation “Run”</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales</td>
<td>105.6</td>
<td>50.8</td>
<td>45.7</td>
</tr>
<tr>
<td>Operating margin</td>
<td>-2.0</td>
<td>-1.2</td>
<td>-3.5</td>
</tr>
<tr>
<td>% of sales</td>
<td>-1.9%</td>
<td>-2.3%</td>
<td>-7.7%</td>
</tr>
</tbody>
</table>

Excluding eliminations

### 2006 Outlook

Having completed its restructuring process, CS now fully focuses on business development, both in France and abroad. Furthermore in 2006, it is set to benefit from improved profitability in operations and from growth in net income.
2005 key figures

2005 financial year results

<table>
<thead>
<tr>
<th></th>
<th>2004</th>
<th>1st half 2005</th>
<th>2nd half 2005</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales</td>
<td>319.7</td>
<td>173.6</td>
<td>171.9</td>
<td>345.5</td>
</tr>
<tr>
<td>Operating margin % of sales</td>
<td>6.2</td>
<td>3.0</td>
<td>4.5</td>
<td>7.5</td>
</tr>
<tr>
<td>Other operating expenses and income</td>
<td>-0.9</td>
<td>-9.0</td>
<td>-1.7</td>
<td>-10.7</td>
</tr>
<tr>
<td>Financial income (loss)</td>
<td>(1.9)</td>
<td>(0.2)</td>
<td>(0.7)</td>
<td>(0.5)</td>
</tr>
<tr>
<td>Net income (loss)</td>
<td>6.9</td>
<td>(5.4)</td>
<td>2.8</td>
<td>(2.6)</td>
</tr>
<tr>
<td>Group share of net income (loss)</td>
<td>5.7</td>
<td>(6.0)</td>
<td>2.6</td>
<td>(3.4)</td>
</tr>
</tbody>
</table>

At December 31, 2005, CS had net cash of €4 million against €20 million at December 31, 2004; note that this is the same level as at the beginning of the financial year 2004. This dip is largely due to longer payment conditions for customers in the French public sector. The working capital requirement (WCR) remained negative at €-30 million, which is 9 percent of sales. The gearing ratio (net debt over equity) stood at -11 percent compared to -52 percent at December 31, 2004.

At December 31, 2005, consolidated shareholders’ equity amounted to €36.8 million.
**Investor Information**

**Variation in average closing price and trading volumes**

- CS average share price base 100 - January 2005
- SBF 250 Index base 100 - January 2005
- Small 90 Index base 100 - January 2005
- Trading volume

**Market capitalization**

in € millions

- 155
- 202
- 238

At 04/30/2006, the capital stock was represented by 6,296,588 shares with a par value of 5 euro, compared to 5,974,388 at 12/31/2005 and 5,618,670 at 12/31/2004.

**Financial communications calendar**

- **2005 sales**: February 14, 2006
- **Final annual results – SFAF meeting**: March 13, 2006
- **1st quarter sales**: May 10, 2006
- **Mixed General Meeting**: June 16, 2006
- **2nd quarter sales**: August 2, 2006
- **1st half results – SFAF meeting**: September 18, 2006
- **3rd quarter sales**: November 14, 2006

Investor relations, contact: investisseurs.cs@c-s.fr
Tel.: +33 (0)1 41 28 44 44

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**CS is quoted in the Eurolist and Euronext Paris markets, category B, and is part of the CAC Small 90, Mid & Small 190 and SBF 250 indexes**

**Share codes**: Euroclear 7896
ISIN FR 007317813
BSA - FR 0010221481 - SXBS7

At 04/30/2006, the capital stock was represented by 6,296,588 shares with a par value of 5 euro, compared to 5,974,388 at 12/31/2005 and 5,618,670 at 12/31/2004.
CS, LEVERAGED GROWTH

CS, a trusted provider in homeland security and secured systems networking

- Command and information centers, risk management, protection of high-value sites, border surveillance, and protection of information and communication systems – in 2005, CS expanded its presence in the field of homeland security in order to meet the growing stakes in security. A trusted partner, CS assists different organizations prepare for and face multifarious risks and vulnerabilities.
- CS was at European events, such as the Security and Information Systems Congress, and at the worldwide exhibition of internal state security, Milipol, in order to showcase its expertise in terms of security and secured systems networking.

CS, a global prime contractor
Objective: turnkey systems

CS continues to expand its presence among its customers

The broad know-how of the CS group, combined with its experience in major sectors, enables it to offer its customers turnkey systems that meet the entire spectrum of their requirements. In 2005, CS focused on its leading position and demonstrated it could bring to market global solutions for strategic programs.
For instance in intelligent transportation, CS now partners with its customers in modernizing their information systems, to cover both their front-office and back-office needs, from integration to complete highway systems maintenance, and in the context of multiyear contracts.
CS was a key innovator in the development and integration of the first worldwide Voice over IP (VoIP) communication system for air traffic control operations. This solution was presented for the first time at the trade shows, ATC Maastricht and the 2005 Paris Air Show. As a communication system that combines VoIP technologies and Open Source solutions, it was heralded as a worldwide innovation in air traffic control.

CS launched a global service offering in high-performance simulation, used to speed product design and development cycles for manufacturing customers.

Its active participation in competitiveness clusters, recognized at global level, confirmed the technological expertise of CS.

Continued export development
Objective: 20% of sales abroad in 2007

- Accelerate new business development outside of France by dedicating a team to this task and by strengthening support for subsidiary networks.
- Negotiate and conclude industrial and commercial partnerships in order to speed the deployment of a CS presence abroad. The partnership selection process ensures a dual objective:
  > complete our coverage of the value chain for our customers, by adding technological “bricks” and know-how,
  > raise our profile through benefiting from an established presence in emerging countries.
- The CS international development strategy depends on a prudent selection of markets where CS competencies offer a distinctive advantage: defense and security in NATO countries, the Middle East and Asia; intelligent transportation systems in the Americas, Europe and Asia; and aerospace systems in Europe.

CS, at the heart of innovation
Objective: transform the technological challenges of its customers into one of their competitive advantages

- CS was a key innovator in the development and integration of the first worldwide Voice over IP (VoIP) communication system for air traffic control operations. This solution was presented for the first time at the trade shows, ATC Maastricht and the 2005 Paris Air Show. As a communication system that combines VoIP technologies and Open Source solutions, it was heralded as a worldwide innovation in air traffic control.
- CS launched a global service offering in high-performance simulation, used to speed product design and development cycles for manufacturing customers.
- Its active participation in competitiveness clusters, recognized at global level, confirmed the technological expertise of CS.
The 3,200 men and women at CS work daily to achieve a shared objective: offer customers solutions that are adapted to their expectations and assist them in defining and implementing their change strategies.

Our values:
customer-focused, transparency, commitment to service and recognized expertise.

Commitment and professionalism
Handling even the most complex projects is one of the daily challenges of CS engineers, experts and project managers. As part and parcel of its commitment to boost loyalty among its employees and better organize its workforce, CS implements a major training program, which includes certification procedure to validate and consolidate the skills of its experts and project managers. Training certificates empower employees not only to confirm their level of proficiency, but also to accelerate their careers, through recognition for their status. Professionalism in the workplace, exchange of best practice and excellence in project management – these are the stakes in ensuring the success of our missions.

Innovation and expertise
CS is reputed for the expertise of its employees in the field of scientific and technical data processing and infrastructure. In this sense, CS deploys a network of experts whose mission it is to advise on and deliver to customers the technological solutions that are best adapted to their requirements and perspectives. Respond to the stakes of tomorrow, ensure timely technology assessments, be thoroughly up-to-date with new technologies and partner with customers over the long term – these are the missions of the experts at CS.

CS, “A RESPONSIBLE COMPANY”
R&D at CS adapts to its positioning as a mission critical systems integrator, marked by a strong level of technological innovation. R&D represents 4 percent of sales out of which 0.5 percent is self-financed. The objectives are to maintain development methods on the cutting edge of the industry, acquire differentiating technological components, and partner with major customers in their strategic programs.

In 2005, the R&D activity mainly concerned the stakes in homeland security (intelligence, command, surveillance and crisis management), intelligent transportation (the “Melhody” solution and remote toll systems), air traffic control, scientific
and operations simulation (grid computing, virtual reality, etc.) and software engineering for mission critical real-time applications. Significant innovations resulted from the implementation of virtual-reality technologies, Open Source programming, and IP applications in critical environments.

For several years, CS has participated in research programs under the auspices of the French Ministry of Research and Industry, as well as of the European Commission in its 6th Framework Program for Research and Development. In 2005, CS took part in 30 projects of which 14 were at a European level. CS partnered with organizations, such as CERN, INRIA, INA, France Telecom, CEA, EADS, Dassault Systèmes and Airbus. Also in 2005, CS was involved in global competitiveness clusters, recognized by CIADT (Comité Interministériel d’Aménagement du Territoire, or interministry committee on land use): SYSTEM@TIC, Aerospace Valley, Cancer-Bio-Santé, and Mer-Sécurité-Sûreté et Développement Durable. CS and its subsidiary, Diginext, are directly involved in the area of homeland security and, more precisely, in systems for protecting people, property and installations at a high-value maritime site (a subject of strategic focus for overall development by CS in homeland security).

Also at the European level, CS actively participates in preparatory work for Europe-wide interconnection of aviation navigation systems, as well as for highway remote toll systems that use the localization system, Galileo.

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**The customer: our priority**

Our primary objective is to secure for our customers a decisive, competitive advantage, thanks to our:

- capacity to respond and our availability,
- understanding of their value chains,
- methodology for managing large projects,
- ability to partner with them for change strategies.

CS constantly evaluates its services in order to ensure customer and end-user satisfaction.

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**People: our wealth**

Motivated by their assignments, CS employees are committed to and active in achieving the objectives of the company business plan. The men and women of CS are focused on customer satisfaction and recognized for their expertise, service spirit and innovation.

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**Our commitment: performance, transparency and results**

Our role imposes a demanding relationship with customers and obliges us to make an ongoing effort in terms of transparency and results. Our quality management methods and the excellence of our experts ensure a long-lasting relationship.

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**CS and diversity**

CS fosters pluralism and strives for diversity in its recruiting practices. The policy of the CS group is to integrate difference, through professional background and through diversity in cultures and origins.
**CS, our business**

*Prime contractor for the design, integration and operation of mission critical systems and secured infrastructures*

As prime contractor for large projects, CS brings to its customers the most innovative technologies in order to build global solutions in the field of mission critical applications and systems. CS is a European leader in its marketplace, thanks to its capacity for innovation and its human and technological potential.

**A concept for growth**

Information systems strongly contribute to the competitiveness of organizations and their differentiation strategies by providing functional and operational support. If IT systems fail or function badly, they imperil the security of the business activity and of the company itself. In order to meet this threat, it is imperative to deploy functionalities and enhanced levels of service, including robustness, dependability and reliability, continuity of service, security and confidentiality.

CS is involved in all aspects of a company’s critical applications, infrastructures and processes. It concentrates on bringing its customers the right know-how in order to cover the entire value chain, from design to integration and operation.
CS, two strategic business areas

CS fosters expertise, a culture of commitment and innovation that empowers it to handle even the most complex projects.

Designer, integrator and operator of MISSION CRITICAL SYSTEMS
CS brings its customers innovative technologies in order to deliver high-performance systems and architectures.
CS expertise for mission critical applications and systems makes it the partner of choice in major economic sectors, namely in defense, space, aeronautics, energy, the public sector, transportation and finance.
CS assists companies in innovating, and implements turnkey systems that meet the stakes of change strategies in order to boost performance.

Designer, integrator and operator of SECURED INFRASTRUCTURES
Control costs, provide best-in-class service, innovate to improve flexibility, manage risk and ensure continuous operation under all circumstances - these are the challenges of infrastructures for our customers. In response, CS offers its global vision of infrastructure service consulting for deployment and operation, blending upgradability with quality of service. CS deploys its strong expertise in the convergence of information and communication systems to ensure its customers benefit from security, dependability, reliability and operational continuity.

A sample of strategic solutions from CS

Vertical solutions
MISSION CRITICAL SYSTEMS
- Air Defense
- Homeland Security
- Intelligent Transportation Systems
- Space Systems

Generic solutions
SECURED INFRASTRUCTURE SERVICES
- Communication Systems
- Outsourcing
- Consulting
- Contractor Logistics Support / Customer Services

TECHNOLOGY solutions
- Simulation
- Embedded Systems
- Information Systems Migration
- Technical Information Systems

CS, prime contracting capacity and a wealth of expertise to meet the stakes for its customers
CS, expansion abroad

CS holds strong, leading positions for its strategic portfolio of solutions and has the ambition of expanding its position outside of France. Present in Germany, Eastern Europe, the Americas and the Middle East, CS is striving to extend its industrial and commercial partnering network in order to align itself with the trend to globalization.
CS

CS, designer, integrator and operator of
mission critical systems

CS is the partner of choice in major economic sectors, namely in defense, aeronautics, space, energy, transportation, the public sector and finance.

CS brings its customers the most innovative technologies for building global solutions in mission critical applications and systems. CS is a European leader in its marketplace, thanks to its capacity for innovation and its human and technological potential.

CS offers its customers turnkey systems in order to deliver innovation, robustness, security, continuity of operations and availability.
MINISTRY OF THE INTERIOR

The French Ministry of the Interior has chosen CS as its prime contractor for a project to establish all of its Command and Information Centers (CICs), serving the national police force. This project calls for the design, integration and deployment of command centers in the head offices of all Departmental Bureaus of Public Safety in France and in its overseas possessions. The purpose of these CICs is to coordinate operations among police authorities in order to improve response time in the field. The system will allow authorities to track each event and to manage it according to its nature, to store the information and to map high-risk areas so as to define adapted response plans. Through this project, CS confirms its position as a player in the arena of homeland security.

Air defense

A major player in systems integration for air defense, CS shows its competency as a prime contractor in favor of civil and military air security. The French Air Force has awarded it contracts for a new system, called SRSA (Système de Radiocommunication Sol-Air, or ground-air radio communication system). The objective is for CS to equip air traffic control centers with new resources (VoIP) for secured transmissions that support voice and data exchanges with aircraft.

In addition, CS continues to modernize control towers and apron control centers on 26 military airbases (the CLA 2000 contract). The project, which entered into the installation phase at the beginning of 2002, will continue until 2012 and is worth €150 million. In order to strengthen its hand, CS acquired (during the final quarter of 2004) Diginext, a company specialized in the design and fabrication of complex communication systems. This acquisition allowed CS to bolster its position in the field of tactical data links, significantly enhancing its offering vis-à-vis the French military and NATO.

Homeland security

As modern society confronts the challenges of new security needs, CS naturally finds itself on the doorstep of homeland security, an increasingly dynamic market segment. CS is a traditional player in the arena of C4ISR (command, control, communication, computing, intelligence, surveillance and recognition). Indeed, CS has often been called upon to design secured high-performance infrastructure, deploying its expertise in the interest of national and local security. In this context, CS offers solutions to its civil and military security customers for intelligence,
Active in major areas of aerospace, CS conducts projects with broad implications for the design, development and certification of embedded software meeting the most stringent of operational safety requirements (DO178B). CS positions itself as one of the main players in the design and fabrication of critical real-time embedded software. Consequently, CS now brings to market an approach that covers the entire lifecycle of embedded software. From the definition of requirements to maintenance, through project specifications and fabrication, CS intervenes in all phases of development for these components, meeting stiff criteria for security, reliability and performance.

First partner of choice for Airbus concerning embedded systems, CS is present across the whole aircraft family and continues to sign in new business with the manufacturer and its equipment and system suppliers. CS optimizes technical information systems for its customers and offers solutions in:

- PLM: Product Lifecycle Manage-
CNES
The French space agency, CNES, has chosen CS as its prime contractor for systems in the ground segment of PLEIADES, an earth observation satellite system and successor to the SPOT and HELIOS satellites for some applications. First launch dates for this dual-satellite system are scheduled in 2008. As a prime contractor, CS ensures the development, integration and maintenance of real-time and delayed transmission solutions for the PLEIADES satellite control center. Furthermore, as part of a European consortium, CS works as co-prime contractor for the development, integration and maintenance of the PLEIADES mission programming chain. Through this project, CS strengthens the ties it has had with CNES for over two decades, and consolidates its European position in the space marketplace.

Space
CS both capitalizes on and brings to its customers its unique experience in the delivery of systems for civil and military space programs: mission control centers, space mechanics centers, real-time embedded software, satellite systems quality and operation, and virtual reality solutions. Present for over 30 years in the engineering of earth segments for mission control, CS is the premier European company for the supply of operational systems to the space agencies, CNES, ESA and DLR, and to the Canadian Space Agency. CS boosted its presence in image processing and handles all software components in the image data chain, from reception to delivery of value-added products to end users. CS uses space data in its development of innovative applications that profit other segments of its clientele and provides...
IRSN
As part of its mission to provide assistance in the event of a nuclear crisis, IRSN (Institut de Radioprotection et de Sûreté Nucléaire or institute for radiological protection and nuclear safety) launched a vast program with the objective to develop tools for evaluating potential or actual fallouts in the atmosphere and its consequences for mankind and the environment. A project, CartX, which is part of this program, requires functionalities necessary to map fallouts in the environment, analyze its impacts and display the results in a way that is useful for the authorities in case of a crisis. IRSN awarded CS a contract to design and develop a prototype that will serve to refine specifications and validate the chosen orientations; then the operational system which is to be integrated within the IRSN Technical Crisis Center.

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CS, at the heart of critical processes

global solutions in the areas of risk management, environmental data management, geo-localization, traffic management and homeland security.

Combination of its in aerospace expertise and systems operation competency enables CS to field its know-how in Technical Process Outsourcing, for example, the process of allocating farm subsidies. In 2005, CNES designated CS as the prime contractor to implement systems for the ground segment of the satellite earth observation system, PLEIADES. Also at the beginning of 2005, the European Space Agency (ESA) certified CS to develop and integrate for ESOC (ESA Spacecraft Operations Center), a platform that permits worldwide interoperability between control centers and communication stations.

Energy & Utilities
A long-standing partner of the French atomic energy commission (CEA) and French electricity company (EDF), CS has special knowledge and understanding in the concept, development and maintenance of scientific programming and applications. CS thus offers an all-inclusive service in high-performance simulation, comprising access to powerful computational resources and high-level scientific coding in order to optimize studies in simulation and modeling, and to speed product design and development.

CS is a partner in the CEA initiative, Ter@tec, a European competency cluster in high-speed simulation and computing. CS is also leader of the project IOLS (Infrastructures et outils logiciels de simulation, or infrastructure and software tools for simulation) at the heart of the competitiveness cluster, System@tic.

Specialized in mission critical processes, CS intervenes through applications development for command and control. For instance, CS in Romania developed the
Supervisory Control And Data Acquisition systems, SCADA, as well as distributed control systems for Hidroelectrica, and command and control systems for major waterworks on the Danube. Within the framework of energy plant decommissioning, CS offers customers its expertise in virtual reality for simulation, configuration management, planning and mission follow-up.

**Transportation**

Leading in applications for remote toll, Free-Flow and traffic management systems, CS occupies the number three position at a worldwide level and offers a complete approach to meeting the stakes in road traffic in Europe and around the world. Blending know-how in transportation infrastructure management, fleet management, geolocalization, traffic information and e-money, CS brings remarkable skill to customers for complete, innovative systems.

From systems roll-out to the outsourcing of systems maintenance and operation, CS intervenes along the entire value chain.

In 2005, Cofiroute named CS for the refurbishment of its toll system in France (toll equipment, infrastructure and associated information systems). Moreover, CS won a contract in the UK for the modernization of the toll collection and remote toll systems at the two Severn Bridges in Bristol (for Severn River Crossing customer), and for the remote toll system at Mersey Tunnels in Liverpool. In the Middle East, CS signed in its first account in the region for the deployment of an integrated toll system on the King Fahad Causeway Bridge, linking Bahrain with Saudi Arabia.

**Public sector**

A well-known partner of French central administrations, department authorities and local governments, CS offers a range of...
all-inclusive interventions in order to foster the development of e-administration and improve service delivery to French citizens:

- Design and deployment of secured collaborative infrastructures,
- Freeware: test-beds and development platforms, migration,
- Networking architecture and deployment.

In 2005, CS deployed the first trans-administrative portal for “Address Changes.” In the same way, CS deployed an intranet for the French Ministry of Agriculture in order to link together its 20,000 workforce spread across the country. CS also assisted local and department authorities implement video surveillance systems, environmental data management systems as part of risk prevention, and urban remote toll systems.

Finance

Reputed by its customers for its expertise in high-performance systems and applications, bringing together innovation, dependability and reductions in costs and lead-times, CS delivers security and continuity of operations.

Leading in France for data migration and systems conversion, CS is preeminent in the banking sector and with pension and provident funds. Mergers, acquisitions and regulatory constraints are part and parcel of the Finance sector. In 2005, CS carried out data migration for the entire Banques Populaires group, and merged its different economic interest groupings for DP production. At the end of 2005, the Groupe Mornay also chose CS to ensure functional changeovers and the complete information system migration at Circo Prévoyance group.

Concerning the e-money business, CS made headlines as the provider for the new interbank network, e-rsb. It also further extended its proficiency in the field of intelligent transportation systems, integrating management of secured e-transactions.

GIE - CARTES BANCAIRES

Chosen for its capacity to manage critical projects and its competency in highly-secured infrastructure, CS conducted the setup and roll-out of e-rsb (Réseau de Services aux Banques, or banking services network) and now ensures its operational availability. The system manages and transmits interbank data exchanges and authorizations, handling up to 10 billion transactions annually, thanks to its virtually instantaneous response time and in-service availability greater than 99.999 percent.

ADAÉ

Within the framework of the French governmental program, ADAÉ (Agence pour le Développement de l’Administration Électronique, or agency for e-administration development) with a unique service that enables users (about 6 million individuals yearly) to change their address via Internet for several public organizations.

CS, a trusted company
At the heart of the relation between companies and their environments, information and communication systems are both vectors of and support for strategic action. Control, efficiency, optimization and security for these systems are the basis of competitiveness for industry and commerce. Rising complexity in exchanges, architectures, networking and distributed systems have led to heterogeneity and vulnerability in infrastructures.

Given these stakes, CS offers infrastructure services that boost performance for information and communication systems, through simplified management and upgrades, and by ensuring security and continuity of operations.

**Industrialization, expertise, methodology, commitment, security and flexibility,**
**CS brings a complete response to the needs for evolution, voiced by its customers**
In order to ensure service that is adapted to even the most critical environments, CS strives to map and evaluate just how critical the applications and technical processes of different components in an information system are. This way, it precisely defines an adapted level of commitment for each environment and each typology of users. CS commits to ensuring a level of availability, depending on the complexity and performance level of infrastructure, thus guaranteeing continuity of operations across the entire chain.

Continuity of service and disaster recovery plans

Nutrition & Santé is a subsidiary of the Novartis group, specialized in research and development for innovative products that maintain/improve health and well-being. In order to refocus on its core business and enhance the performance of its existing mission critical systems, Nutrition & Santé decided to outsource its DP production. This contract strengthens the CS presence in critical outsourcing for industry.

Natural catastrophes, industrial accidents, collateral blockages, saturated servers, terrorism - these are just a few of the risk and disaster scenarios that concern business owners who need to protect their data. The DRP is a response and backup solution for those faced with these risks. From impact analyses to DRP implementation, CS is a specialist in critical environments and deploys policies that are adapted to the availability required and business constraints.
Different interventions are managed according to customer needs:
- on the customer’s site,
- in one of the local CS service centers,
- in the customer’s region or, in Europe, in a 100%-CS service center, benefiting from the same processes and tools that guarantee an optimal level of quality.

This structure, based on both the sharing and specialization of resources, enables a balanced response to the dual challenge of improving service quality delivery and reducing costs, while ensuring a critical mass that favors:
- quality of service through the use of a common platform of functional and technical competencies as well as interventions by experts on an as-needed basis,
- responsiveness and flexibility in dealing with requests for different services, depending on events and priorities,
- optimized scheduling through sharing different common resources for management, functional and technical expertise, methodology and quality assurance,
- conservation of know-how and knowledge over the long term.

CS has deployed several remote service centers across France: Data Center, Network Operation Center, Security Operation Center and Help Desk as well as platforms for migration, conversion, third-party application maintenance.

**TEREOS**

Following the merger of Béghin-Say and Union SDA, which led to Tereos, this group sought to merge the two companies’ information systems and restructure all of the associated technical and support resources. Tereos thus selected CS for the outsourcing of its central servers, its infrastructure, and the integration of new applications. Tereos chose CS because of its capacity to manage a complex change project and operate its infrastructure in a secured environment. CS offers a secured, flexible solution in its own premises, at variable cost and a guarantee of availability and performance, depending on the customer’s operational requirements. CS expertise in outsourcing for mission critical systems enables it to partner with Tereos for the most complex phases of its activity, for instance, during its raw materials seasonal harvesting campaigns, with an adapted level of service, availability and commitment.
Companies are increasingly dependent on their information systems. One critical element is the networking solution. Complexity in networking, Internet use and applications make corporate networks particularly vulnerable, which is why they need to be supervised and secured at every level.

Implementation of supervision resources is essential as a preventive measure. It enables to anticipate faults and avoid them or correct them before they impact users. CS designs, integrates and operates secured, high-performance communication infrastructures. An integrator of networks and value-added services for companies, CS offers managed networking and security, thanks to its combined “Build” and “Run” know-how.

CS offers upgradable integration, management and operation of networks and communication equipment, enabling its customers to keep pace with rapid technological evolution in their sectors. CS is independent of operators and equipment suppliers, has its own supervision center and Help Desk, and ensures 24/7 service.

**Boost performance** and profitability for information systems – that is how CS sees its mission for solutions implemented in DP process management. Information systems performance levels are directly linked to quality of service, perceived by users.

CS deploys remote maintenance solutions for workstations in order to improve support to users. These solutions significantly enhance productivity and quality of operations as well as enable services that are adapted to user needs.

**CONSTANT TEAMWORK IN ORDER TO:**
- evolve, rationalize and consolidate environments,
- select new technologies and tools,
- adapt information and communication systems to specialized constraints,
- offer an outlook on migration,
- drive and manage transformation projects,
- integrate new technologies while respecting needs and budgets,
- realign service levels according to business constraints.

**Network management services**

**SANOFI-AVENTIS**
Sanofi-Aventis awarded CS a contract for the supervision of its worldwide network, covering 150 sites and 80,000 users. The operations center, implemented on the site in Gentilly (France) ensures 24/7 service. CS is providing an industrial, upgradable solution that guarantees security, quality of service and continuity of operations.

**Companies are increasingly dependent** on their information systems. One critical element is the networking solution. Complexity in networking, Internet use and applications make corporate networks particularly vulnerable, which is why they need to be supervised and secured at every level.

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Since information is an important asset for most organizations, it should be safeguarded, both for integrity and confidentiality. Indeed, the rise of distributed architectures and the Internet has completely transformed the world of information systems, with the result that they have never before been subject to such prevalent risk. CS brings its twin experience, on the one hand in developing security components and solutions and, on the other hand, in several projects for e-administration and electronic data interchange, integrating Open Source components. Concerning applications security, CS has developed a range of solutions, covering the entire scope of information systems: identification and authentication, irreversible transactions, confidentiality for data interchange, secured application dissemination, and managed access rights.

**The CS security offers**

- **SECURED INTERCHANGES**
  - Secured information flows

- **DATA SECURITY**
  - Encryption
  - Integrity
  - E-signature

- **AUTHENTICATION (SSL, TSL)**
  - Server-based authentication
  - Access rights / profile management

- **ADMINISTRATION SECURITY**
  - PKI

- **COMMUNICATIONS SECURITY**
  - Firewall, VPN, Secured communication architecture

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**Customer Services - Contractor Logistics Support**

CS offers Contractor Logistics Support and ensures continuity of operations for customer infrastructures. CS works in mixed environments and guarantees the overall availability of each environment for its customers on the basis of service level agreements.

In the field of systems and infrastructures, CS meets its customers’ constraints for 24/7 availability. Thanks to its geographic coverage and its maintenance processes, CS is also able to guarantee conditions for full service recovery.
CS, TECHNOLOGY SOLUTIONS AT THE SERVICE OF LARGE PROJECTS

Technological expertise and innovation, CS has developed a unique know-how enabling it, in the case of global projects and systems, to win competitive advantages for its customers.

Migration of Information Systems

Technological evolution, restructuring, mergers and acquisitions have progressively led to greater complexity in architectures and an increase in the number of servers and applications. From infrastructure to applications, CS offers application migration and system conversion services, based on proven technologies and tools. These solutions enable automation and industrialization of migration processes and ensure the success of transformation projects with guaranteed data integrity.

Simulation

The design and analysis of complex systems, the study and enhancement of industrial processes, the visualization and operation of large databases, the preparation of missions or the comparison of different scenarios are all situations that can benefit from modeling and simulation for essential functionalities and important productivity gains. Thanks to recent progress both in terms of equipment and processing algorithms, simulation is today an industrially operational tool.

CS is one of the major players in this segment through its active participation in mainstream French and European initiatives for the realization of numerous industrial projects.

In industry, the pairing of simulation of physical phenomena with virtual reality systems adds a new dimension to the analysis and interpretation of results from complex calculations. CS partners with its industrial customers in this field, thanks to its unique expertise, which combines its knowledge of customer businesses, its broad experience in modeling and simulation (chiefly the result of its simulation of nuclear tests for the nuclear agency CEA), and its visualization technologies for virtual reality applications.
**Embedded systems**

Embedded systems are increasingly present in our environment (aeronautics, automobiles, energy, mobile phones, railway transportation, etc.). Interconnected and intercommunicating, designed for critical functionalities, these systems impose quantum technological leaps. A key factor in innovation and differentiation, they are vital for the development of industrial activities and improved competitiveness. Furthermore, embedded systems make ever greater use of firmware.

**Technical information systems (PLM, EDM, GIS)**

In order to ensure the management of the entire product lifecycle, from design to maintenance, including technical documentation and respect for production constraints, CS partners in finding solutions for its customers. New product development increasingly calls for teamwork with members located in different countries around the world. Furthermore, they need to collaborate, while sharing a common database. The CS solution simultaneously uses tools for CAD (computer-aided design), TDBM (technical database management) and CAM (computer-aided manufacturing). High-level simulation solutions let CS link production database management systems with leading integrated management software packages on the market.

For over 10 years, CS has been involved in numerous projects for TDBM/PDM (product definition management), with extensions to PLM (product lifecycle management). Its strong skills in EDM (electronic document management) enable it to bring to PLM projects a significant advance in documentation structuring, interfaced with PLM and EDM products on the market. Beyond PLM, CS offers a spaceborne dimension, through geopositioning, whenever relevant, with GIS (geographic information systems), integrated with the PLM system. This pairing of technologies makes possible solutions for assets management or territorial management.
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