

### Why Compact Solutions?

- Real-time access to critical data
- World-class technology
- Superior Speed to Value: rapid solution development & deployment
- Field proven method -- down to a science
- Exceptional skills
- Knowledge transfer
- Offshore development options

### Components of this Client's Solution

- Ab Initio applications
- Custom Data masking algorithms
- DB2 UDB EEE Database
- IBM P690 clusters totaling 92 CPUs
- ConnectDirect
- SAS

### Compact Services

#### Complete Enterprise Information Integration (EII)

- Diagnostics
- Solution Development (off-shore or on-shore)
- Data Architecture
- Master Data Management
- Data Quality
- Real Time EII
- Systems Architecture
- Data Warehouse Assessment
- Data Warehouse Design
- ETL Design & Development
- Metadata Management & Repositories
- Data Warehouse Performance Optimization
- Platform Migration

### Unique Ab Initio Expertise

- Design & Development
- EME Design
- Application Migration from other ETL Platforms
- Continuous Flow Processing
- Metadata Driven ETL
- Performance Optimization
- Data Profiler, Shop for Data & Plan>IT
- Center of Excellence (COE) Development
- Project and Staff Mentoring

### Talk to Us

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## INDUSTRY | FINANCIAL SERVICES SECTOR | BANKING/CREDIT CARDS

*Our client is one of the world's largest financial services companies, with over 200 million customer accounts in more than 100 countries. In its consumer division, the client provides banking, insurance, loans and one of the world's largest credit card offerings. The company's Cards franchise offers credit and charge cards such as MasterCard®, VISA® and private label. It services and supports over 120 million credit card accounts in the United States alone; as well as 30 million accounts in 42 countries in its International Cards operation.*

### BUSINESS & TECHNOLOGY CHALLENGE

To support a multi-billion dollar new business initiative, our client needed to extract, cleanse, transform, and transmit customer credit card transaction data, totaling approximately 15 terabytes, to a remote application server for statistical analysis. Potentially sensitive information, including customer names, contact information and account numbers, had to be masked before transmission. At the same time, certain authorized users still needed to be able to view the unmasked data fields. A number of solutions were considered and rejected, because they were not designed to handle the realities of the project: the time frame was short, the data was huge, and the processing was complicated.

### THE COMPACT SOLUTION

Compact's software engineers designed a set of Ab Initio applications that fully processed and transmitted the data files for analysis. Data masking algorithms were implemented to protect sensitive customer information. The Compact team also developed an application that automated the entire process, eliminating the need for user intervention and supplying an extraordinary level of efficiency. Compact met and exceeded the client's need to protect sensitive data, and the speed and efficiency of the Compact solution resulted in the timely launch of the company's new business program.

### RESULTS

- Enabled the launch of a multi-billion dollar new business initiative
- Prevented potential corporate liability resulting from the exposure of sensitive customer data
- Reduced operational costs by implementing a "lights out" solution
- Successfully protected customers without locking out authorized users
- Safely enabled on-demand access to critical data

COMPACT SOLUTIONS | *High Performance Information Solutions*