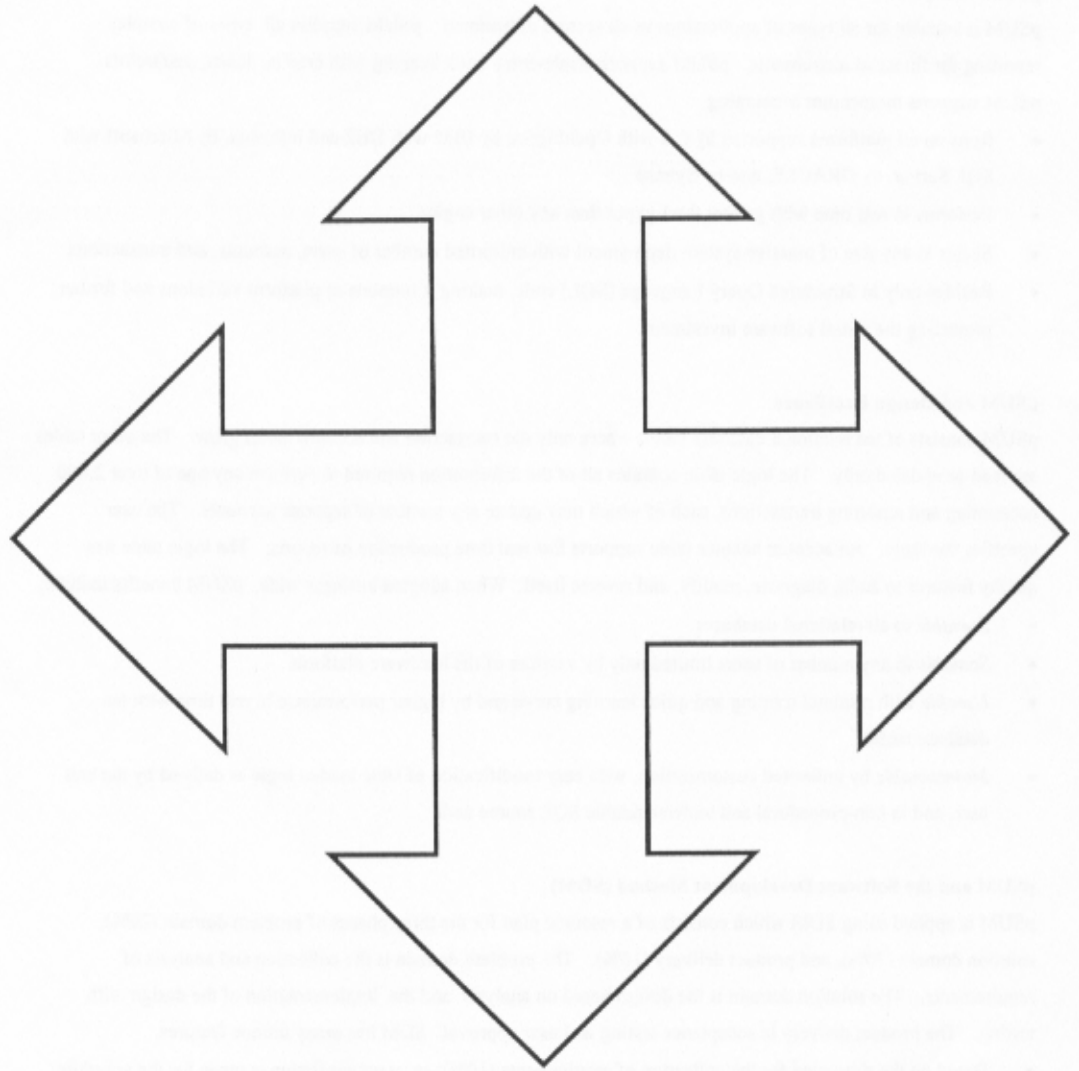


# CEC Services



**pSUM<sup>sm</sup>**

portable Scalable Useable Maintainable<sup>sm</sup>

Enterprise Edition Version 7.2

# pSUM<sup>sm</sup>

We sell business compatible and user adaptable software that is portable, scalable, useable, and maintainable. The name pSUM, pronounced "Sum", is a high performance database engine for real time accounting arithmetic.

## pSUM and Quality

pSUM is suitable for all types of applications in all sectors of business. pSUM supplies all types of complex reporting for financial instruments. pSUM supports triple-entry book keeping with credits, debits, and trebits. pSUM supports momentum accounting.

- Runs on all platforms supported by CA with OpenIngres, by IBM with DB2 and Informix, by Microsoft with SQL Server, by ORACLE, and by Sybase
- Performs in real time with greater throughput than any other engine
- Scales to any size of massive system deployment with unlimited number of users, accounts, and transactions
- Resides only in Structured Query Language (SQL) code, making it immune to platform variations and further protecting the initial software investment.

## pSUM and Design Excellence

pSUM consists of ten relational database tables where only the transaction and account tables grow. The other tables are read or updated only. The logic table contains all of the information required to perform any one of over 2,000 accounting and reporting transactions, each of which may update any number of separate accounts. The user specifies the logic. An account balance table supports fast real time production of reports. The logic table has quality features to audit, diagnose, modify, and reverse itself. When adopted business wide, pSUM benefits include:

- *Portable* to all relational databases
- *Scalable* to any number of users limited only by vendors of the hardware platform
- *Useable* with minimal training and quick learning curve and by higher performance in real time with ten database tables
- *Maintainable* by unlimited customization, with easy modification of table loaded logic as defined by the end user, and in non-procedural and understandable SQL source code

## pSUM and the Software Development Method (SDM)

pSUM is applied using SDM which consists of a resource plan for the three phases of problem domain (20%), solution domain (70%), and product delivery (10%). The problem domain is the collection and analysis of requirements. The solution domain is the design based on analysis and the implementation of the design with testing. The product delivery is acceptance testing and user approval. SDM has many unique features.

- Based on the time used for the collection of requirements (10%), an exact prediction is made for the schedule of the entire project.
- The user manual is completed before one line of computer code is implemented.
- Over half of the project resources (60%) are devoted to the implementation of design and unit testing.
- The qualities of SDM ensure the delivery of a zero-defect product, such as pSUM.
- SDM thus forms the first known blueprint for a software factory which builds perfect software products.

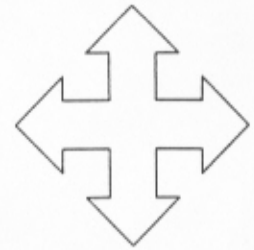
## pSUM and Recent Advances

Recent advances in pSUM include the ability to instruct non-procedural SQL to perform sequential processing and the capability to self-modify its own logic table while executing in real time. This is logic table technology (LTT).

## pSUM and CEC Services, LLC

CEC Services, LLC was founded in 1985 by Colin James III who has programming experience since 1964. In 1995 he formed a team to generalize problem domains, to derive the resulting abstract requirements, and to implement perfect strategies for quality programming of the solution domain. Larry Cagg is director of User Support.

## CEC Services



## pSUM<sup>sm</sup>

portable Scalable Useable Maintainable  
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pSUM Software is priced by user license and controlled by permissions in the relational database so that only one user may use a keyed copy on the network.

The yearly fee of 20% of the original purchase price covers maintenance upgrades and new releases. Continuous yearly fees protect indefinitely the initial investment of the purchase price.

Total Licenses	Price New	Fee per Year
1	4,000	800
2	5,000	1,000
3	6,000	1,200
4	7,000	1,400
5	8,000	1,600
10	13,000	2,600
15	18,000	3,600
20	23,000	4,600
50	53,000	10,600



### *The Classic Strategic Edge*

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