

TransCentury Data Systems

Product Details

TransCentury® Calendar Routines: A library of standardized date routines that are useful in Year-2000 work, normal maintenance plus new systems development. The strength of the Calendar Routines lies in its ability to replace the cornucopia of date calculation subroutines that exist throughout the industry. Thus it is noteworthy that TransCentury can answer an assortment of date questions; ranging from something simple such as 'what is the day of the week ?' to something complex, such as "what is three days before the end of the next fiscal quarter?". It is also noteworthy that TransCentury supports the variety of date formats that companies are likely to encounter (e.g. Gregorian dates (YYMMDD), Julian dates (YYDDD), edited dates (Jan. 5, 1996) or serial dates (daycounts from a base-date)).

The product is portable across most hardware platforms (e.g. mainframes, midranges and PCs) and operating systems (e.g. MVS, VSE, DOS and WINDOWS). The product is compatible with databases and environments such as LE370, CICS, ADS/O, VSAM, IMS and DB2. The product is compilable under most COBOL dialects (such as ANSI-74, ANSI-85, OS/VS, COBOL II and COBOL 370); plus, it's callable from a variety of host languages (such as COBOL, Assembler, PLI, RPG, and NATURAL).

TransCentury® Date Logic Generator: A development tool which enables ISPF users to generate "CALL" statements to the TransCentury Calendar Routines - with all the parameters properly set to perform the desired business logic. Furthermore, and of even greater significance, the programmer can TEST the logic right from within the editor even before they generate the "CALL" statement. That way, as it pertains to Year-2000 work, once the repair has been made with a "CALL" to TransCentury, the programmer can consider that particular date logic pre-tested. Likewise, even for new development, pre-testing has its advantages.