

3.2.2 Critical Success Factors

- A. "It can be modified to meet all identified requirements."

ARCS uses a relational database (UNIFY) which facilitates many of the necessary changes. On the downside, the scope of changes necessary to meet OPF and project management is very high. Given that ARCS is not highly modularized, the impact of changes on other routines will be greater and probably require more extensive testing.

- B. "It is acceptable to Senior Management in terms of implementation timeframe and future potential."

ARCS could be implemented by April 1, 1987, if work for the overall technical architecture commences on schedule and no significant requirement changes are identified.

The future potential of ARCS is limited by its hardware requirements (minicomputers). Given the transaction volumes and user base (50), new functions or additional users would probably necessitate a second processor if acceptable performance is to be obtained.

- C. "Its architecture is sound and can form a foundation for the overall information model."

ARCS has an unproven architecture.

The DBMS could be used for the overall model.

- D. "It should not preclude packaged alternatives for Pernet, Inventory, Fixed Assets and Corporate Information systems or modules."