

## An empirical investigation of capability factors affecting strategic information system planning success

### Abstract

Strategic information systems planning (SISP) is more difficult in today's world of rapid change and uncertainty. The dynamic changes in the environment require a fit between SISP and internal resources of the firm. A need exists to study SISP success based on a broad set of organizational attributes of firm. In this regard, a resource-based view (RBV) has gained increasing dominance in the strategic management field and views organization as a bundle of resources. Reviewing SISP literature reveals little on what the essential Information Systems' formulation (IS) capabilities for SISP are and how they affect success. In this study, the relationship between capability factors and SISP success are explored. Capability factors were compiled through literature review and validated by using interviews. Hypotheses were developed and tested utilizing responses collected from 167 medium to large Iranian organizations. Using PLS for data analysis, the results show the important role of capability factors in SISP success that could be beneficial for both practice and research.