

## ABSTRAK

**Latar Belakang:** Perencanaan Strategis Sistem Informasi bertujuan untuk keselarasan antara rencana kegiatan sistem informasi dengan rencana strategi organisasi. Untuk mengatasi resiko yang timbul terkait perubahan organisasi, perubahan kebijakan, perubahan posisi, diperlukan alat kontrol yang efektif dalam mengontrol performa dan keberhasilan implementasi SI/TI. Tujuan penerapan Renstra SI/TI di Dinas Kesehatan adalah agar tercapai *eHealth* yang terintegrasi dan *interoperabilitas system* bisa berjalan dengan baik. SI/TI di bidang kesehatan meliputi pelayanan kesehatan perorangan, pelayanan kesehatan masyarakat, dan administrasi kesehatan. Perencanaan strategis SI dibutuhkan dengan harapan permasalahan di Dinas Kesehatan dapat teratasi sehingga penerapan SI/TI menjadi efektif dan pelayanan kesehatan bisa lebih produktif. Pengembangan Rencana Strategis SI/TI Dinas Kesehatan memerlukan dukungan, keterlibatan dan komitmen *Stakeholder* agar tercapai tujuan dan sasaran sesuai visi dan misi organisasi.

**Tujuan:** Penelitian ini bertujuan untuk menyusun Rencana Strategis SI/TI menggunakan model *Zachman Framework* yang digunakan sebagai acuan pengembangan Rencana Strategis Sistem Informasi di Dinas Kesehatan Kabupaten Bima dengan berpedoman pada pencapaian Visi dan Misi Organisasi.

**Metode:** Jenis penelitian bersifat *Kualitatif* dan desain penelitian menggunakan *Action Research*. Identifikasi permasalahan dan analisis kebutuhan menggunakan analisis SWOT, *Value Chain*, dan *McFarlan Gird*

**Hasil:** Sistem Informasi di Dinas Kesehatan Kabupaten Bima cukup memadai, tetapi belum terintegrasi sehingga butuh pengembangan dengan peningkatan sumber daya manusia TI, infrastruktur, jaringan, tatakelola SI, *Standar Operational Procedure* (SOP) SI/TI sebagai protap, komitmen stakeholder, dukungan dana, regulasi/kebijakan yang tepat melalui penyusunan portofolio perencanaan, kebijakan, infrastruktur, dan aplikasi sesuai kebutuhan.

**Kesimpulan:** Berdasarkan hasil analisis lingkungan internal dan eksternal bahwa Dinas Kesehatan Kabupaten Bima masih dibutuhkan pengembangan SI baru atau pengembangan SI yang sudah ada untuk menunjang kegiatan pelayanan organisasi. Oleh karena itu Rencana Strategis SI/TI pada Dinas Kesehatan Kabupaten Bima disusun dalam 3 tahapan dengan jangka waktu 5 tahun (2016-2020) yang meliputi pengembangan *data center*, sistem informasi, infrastruktur, keamanan jaringan, SDM, organisasi, manajemen dan proses kerja. Tujuannya agar selaras dengan visi dan misi SI/TI yang telah dirumuskan.

**Kata Kunci:** Dinas Kesehatan, *eHealth*, *interoperabilitas*, SI/TI, *Zachman Framework*.

## ABSTRACT

**Background:** Strategic Planning Information System aims for harmony between the activity plan information systems with strategic plans of the organization. To overcome the risks that arise related to organizational changes, policy changes, position changes, the necessary control tools are effective in controlling the performance and successful implementation of IS/IT. Purposes of applying the Strategic Plan of IS/IT in the Department of Health is to achieve an integrated eHealth and interoperability of the system can work well. SI/IT in the health sector include personal health services, public health services, and health administration. Strategic planning required by the Health Department hopes the problems can be resolved so that the implementation of IS/IT to be effective and health care can be more productive. Strategic Plan Development IS/IT Department of Health requires the support, involvement and commitment of stakeholders in order to achieve the goals and objectives according to the vision and mission of the organization.

**Objective:** This study aimed to prepare a Strategic Plan IS/IT model Zachman Framework is used as a reference for the development of the Strategic Plan for Information Systems in Bima District Health Office with reference to the achievement of the Vision and Mission of the Organization.

**Methods:** The research is qualitative and research design using Action Research. Identification of problems and requirements analysis using SWOT analysis, Value Chain, and Mc.Farlan Gird

**Results:** Information Systems in the Health Service Bima quite adequate, but not integrated so it took the development of the human resource development of IT infrastructure, network, governance IS, Standard Operational Procedure (SOP) IS/IT as a standard procedure, the commitment of stakeholders, funding, regulatory/policy right through the preparation of a portfolio of planning, policy, infrastructure, and applications as needed.

**Conclusion:** Based on the analysis of internal and external environment that Bima District Health Office still required the development of new IS or development of existing ones to support the service activities of the organization. Therefore, the Strategic Plan IS/IT in Bima District Health Office arranged in 3 stages with 5-year period (2016-2020), which includes the development of data centers, information systems, infrastructure, network security, human resources, organization, management and work processes. The goal is to align with the vision and mission of the IS/IT has been formulated.

**Keywords:** Department of Health, eHealth, interoperability, IS/IT, Zachman Framework,