

1-1 By: Hinojosa S.B. No. 266
1-2 (In the Senate - Filed November 12, 2008; February 11, 2009,
1-3 read first time and referred to Committee on Government
1-4 Organization; May 18, 2009, reported adversely, with favorable
1-5 Committee Substitute by the following vote: Yeas 6, Nays 0;
1-6 May 18, 2009, sent to printer.)

1-7 COMMITTEE SUBSTITUTE FOR S.B. No. 266 By: Hegar

1-8 A BILL TO BE ENTITLED
1-9 AN ACT

1-10 relating to the review of information technology systems used by a
1-11 state agency for compatibility with open standards.

1-12 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

1-13 SECTION 1. Section 441.203, Government Code, is amended by
1-14 adding Subsection (m) to read as follows:

1-15 (m) The council, in cooperation with the Department of
1-16 Information Resources, shall:

1-17 (1) review each state agency's existing information
1-18 technology system to determine whether the system is compatible
1-19 with open standards; and

1-20 (2) consult with and provide assistance to state
1-21 agencies on:

1-22 (A) enhancing the state agency's information
1-23 technology system to achieve compatibility with open standards
1-24 where appropriate; and

1-25 (B) identifying and recommending information
1-26 technology systems that are compatible with open standards and
1-27 recognized best practices, including:

1-28 (i) open standards for document formats for
1-29 creating, exchanging, and maintaining electronic texts,
1-30 presentations, and spreadsheets, to replace outdated systems that
1-31 are to be retired or upgraded;

1-32 (ii) open standards for database systems
1-33 based on the Structured Query Language (SQL) standard defined by
1-34 the American National Standards Institute (ANSI), to replace
1-35 outdated systems based on nonrelational database technologies that
1-36 are to be retired or upgraded;

1-37 (iii) recognized best practices for the
1-38 structuring of data held in databases or disk file systems used by
1-39 mission-critical transaction processing applications, such that
1-40 the data is held in normalized relational data tables, to replace
1-41 outdated methods of data organization based on nonrelational or
1-42 highly nonnormalized data models, other than data warehouses and
1-43 business intelligence applications, that are to be retired or
1-44 upgraded;

1-45 (iv) open standards for computer
1-46 programming languages used for the development and maintenance of
1-47 applications, such that the programming languages used shall
1-48 conform to standards recognized by national or international
1-49 standards bodies, to replace applications developed in outdated
1-50 programming languages that are to be retired or upgraded; and

1-51 (v) open standards for operating system
1-52 hardware interface layers, such that operating systems used in
1-53 mission-critical applications are not tied exclusively to a single
1-54 brand of computer hardware or to a single type of microprocessor, to
1-55 replace outdated systems that are to be retired or updated.

1-56 SECTION 2. This Act takes effect immediately if it receives
1-57 a vote of two-thirds of all the members elected to each house, as
1-58 provided by Section 39, Article III, Texas Constitution. If this
1-59 Act does not receive the vote necessary for immediate effect, this
1-60 Act takes effect September 1, 2009.

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