



Oregon

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SB 90 – IT Security Unification & Cybersecurity Center of Excellence

What the measure does: SB 90 provides for the unification of IT security within the executive branch, bringing all IT security functions, personnel and associated property under the authority of the State CIO. The bill also establishes a Cybersecurity Center of Excellence (COE), a public-private state-civilian interface for information sharing, coordination of cyber incident response, developing a statewide cyber strategy, identifying best practices and encouraging the development of the cyber-security workforce. The bill also establishes a Cybersecurity Fund within the Cybersecurity COE, enables the COE to accept federal and grant funds and enter into public-private partnerships.

Background: Recent IT security breaches, persistent vulnerabilities, non-compliance with IT security-related OARs and statute and the anticipated audit findings from a statewide IT security audit demonstrate that the current decentralized model for IT security is not working. In some agencies, there are fundamental capacity gaps, a legacy of disinvestment and a lack of executive support for cybersecurity. More problematic however is the asymmetric nature of IT security risk, where the vulnerabilities of smaller and under-resourced agencies put larger state agencies at risk; *e.g.*, the breach at the Construction Contractor's Board which made the Oregon Department of Transportation vulnerable. Furthermore, Oregon currently lacks a state civilian interface for coordinating cybersecurity information sharing and cross-sector incident response, performing cybersecurity threat analysis and remediation, and promoting shared and real-time situational awareness between and among the public and private sectors.

Solution: The State of Oregon should transition from a decentralized and diffuse cybersecurity model to a unified model that will bring all IT security functions into a single organization—directly accountable for the security of agency and state data center operations, real-time security monitoring and incident response, implementing enterprise security policy and enterprise security architecture. Furthermore, the establishment of a Cybersecurity Center of Excellence, will enable the state to draw on the expertise and capabilities of the private sector and develop a long-term multi-sector cyber strategy for preventing future threats, responding to cyber disruptions and building capacity across the state and with our local government partners and school districts.

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