

Oregon Parks and Recreation Commission

May 8, 2008

Agenda Item:	14	Information
Topic:	IT Overview and Strategies	
Presented by:	Trygve Larson	

The department has created a strategic plan for information technologies used across the organization. While many of the strategies require funding additions, and will not be implemented in the immediate term, they form the basis of direction and prepare the organization for future projects as economic forecasts improve. Wherever possible the IT section is leveraging current software systems to expand functionality, and incrementally add new function.

The immediate and most pressing need which will be quickly addressed is connectivity to network resources across the distributed fabric of all OPRD locations. All the strategies whether planned or being worked on now require fairly high speed connectivity to access programs, systems, and shared resources. Initial estimates are for a one time expenditure of \$65,000 and increased operating costs over each biennium of \$418,000. This connects every park location, including the booths, and leverages current secure networking principles.

The IT section includes support for

- Distributed computing (workstations and networks in field locations)
- Central network architecture and operations
- Server and email hosting for web applications, development, business continuity and Internet connectivity
- Application development for web and traditional applications such as the HUB application and FMS
- Reservations Northwest for reservations coordination, call center support, and information services to the public
- GIS in support of all areas in geospatial analysis and data management

Standards have been established in conjunction with the planning effort which address equipment and network infrastructures, application development languages, approaches, and code repositories, GIS hardware and software support, and the general desktop computing model. Much work can be accomplished in each of the IT support areas, but as stated above, and improving economic forecast will support major changes.

As very high level summary of the findings and strategies are presented in the chart on the following page:

Category	Issue	IT Strategy(s)
Connectivity	All strategies require a connected organization, and future support for public wireless support, and reduced need for employee travel	Leverage: <ol style="list-style-type: none"> 1. State Network \$\$\$ 2. DSL \$ 3. Cable \$ 4. Satellite \$\$
Internet Web Presence	While the administrative presence is adequate, the customer outreach functionality is lacking, and there is an opportunity to promote outdoor recreation.	Leverage newer web technologies for enhanced content, and social networking/Web 2.0 capabilities.
Information Management	Staff productivity could be increased with better management of information items	Intranet implementation Electronic Records Management Business Continuity Mitigation HUB expansion
Application Support/Automation	Goals for sustainability, visitor expectations, and staff productivity, compliance with SB583, PCI standards, and Information Asset Classification.	Applications development in grant management, permitting, e-commerce, ATV training, volunteer management, HUB expansion, customer relationship management, trails mapping,
GIS Expansion	Property acquisition, Sustainability, Cultural and Historical Preservation	Support and expansion of data for Park Borders, Natural Resources Mapping, Archeological Resources, Data Sharing, Trails mapping
Reservation Northwest	Promote high quality visitor experiences	Reservation system Upgrade ATV Support Hours Reduction in line with historical use (8am-5pm)

Action Requested: None

Prior Action by Commission: None

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