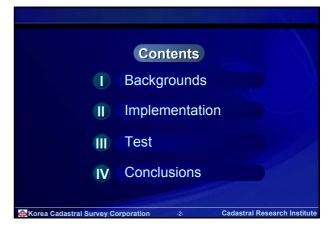
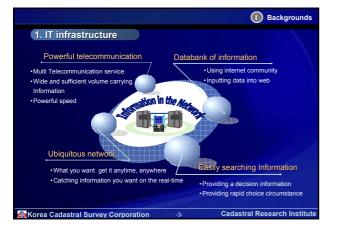


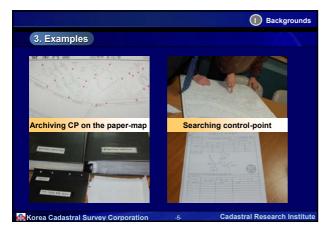
Nam Kwonmo

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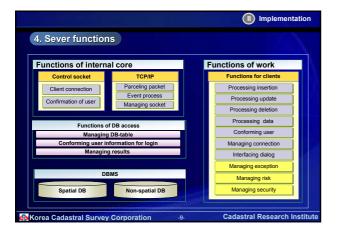


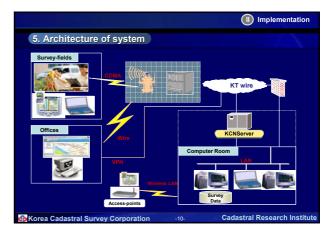


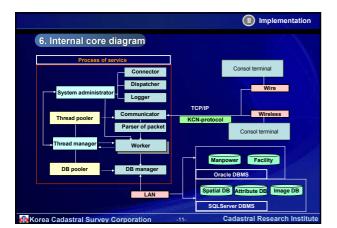
	Implementation
1. Objects	
Study multi processing for concurrently connect survey data	ting clients that be required
Design client/server architecture that can provide	e data on real-time
Design advanced multithreads process to make a	efficient use of CPU
Design & analysis of IT infrastructure required for	r high speed performance
<ul> <li>Promote generating survey data through advance technology</li> </ul>	ed network communication
Establish service providing systems for all cada: the public	stral survey worker include
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## Inplementation Cobjects (Cont..) Design pool objects of thread and DB-connection for reducing work-time Design network protocol to contain the results of query that can be used clients side Design setual og manager to recover through all accidents and emergency situations Study verifying & checking process for SQL-statements received from network clients Synchronize data during clients' response procedure that can be unique for all the clients Design search algorithms to provide efficient data and reduce time

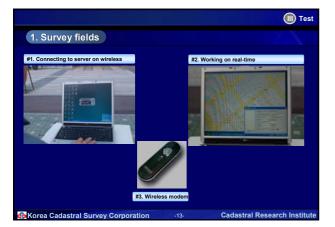
		Implementation
3.	Coworker's benefits	
	Decreasing searching response time → Save 3 ~ 5 minutes per control-point	
•	No duplicated survey data management activities	
	Reducing surveying time	
	Providing survey efficient information	
	Verifying survey data (No need of mandatory side job)	
	Organizing data process units automatically	
	Unifying formation of survey data - only one data form - singleized channel survey data acceptance - singleized channel through whole network - singleized data control - singleized reporting	
	Easy reporting & Easy statistics	
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	Conclusions	
1. Conclusions		
<ul> <li>Processes of service server must be time-critical &amp; other of processes shall be automated</li> </ul>	data manager	
<ul> <li>Independent operation but only clients' requirement disp each thread for supporting concurrency</li> </ul>	patches	
<ul> <li>Optimize performance of CPU by processing of each loca requirement for load balancing</li> </ul>	al clients'	
<ul> <li>Service activities shall be multi processed deal with provi on anytime, in anywhere</li> </ul>	processed deal with providing For More Infor	
<ul> <li>Consider convenient reporting circumstance</li> </ul>		
<ul> <li>All the major components must be exception-process to p faults and risks</li> </ul>	prepare system	

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&A mation & Request Cadastral Research Institute Korea Cadastral Survey Corporation -16-