

OSPInSight® OSPM-Admin Features

	OSPM-Admin Version 6.0
General	
Facilitates OSPM product integration in enterprise-wide deployment.	X
Documentation available in PDF format on software CD and web site.	X
Technical Support available.	X
Training courses available at a training facility or at customer's site.	X
Easy OSPM-Admin configuration to manage OSPM networks including user permissions and passwords, network defaults and setup, object names, drop-down lists, display options, shared workspaces, locked editing features, database creation and setup, etc.	X
OSPM-Admin required for OSPM-Web deployment.	X
Ability to configure OSPM-Admin in either stand-alone or enterprise-wide deployment.	X
System Requirements	X
Easy OSPM-Admin Installation.	X
Easy OSPM-Admin registration by phone or via web.	X
Intuitive data layout view including menus, tree view, report tab, and map display.	X
OSPM-Admin Network Statistics and CSA Reports and Features	
Network Statistics (NetStat) - is a quantified, comprehensive overview of OSPM data that is saved in a data-mart so reports generated over time can be analyzed and compared. It takes a snapshot of the current database that is stored and can then be compared over time to other snapshots of the database. NetStat can be run on an individual network, or on all OSPM networks set up in OSPM-Admin.	X
Network Statistics General Summary - summarizes the changes in networks by object category. Date ranges can be specified to further qualify the report.	X
Sheath / Fiber Ownership reports detailed lease and ownership information of cables/fibers in the currently selected network.	X
Cable Span Analysis (CSA) - provides detailed information about terminated fibers in an OSPM network database that can be used for network analysis or exhibit. The CSA takes the information in an OSPM database, and through complex programming, "explodes" the data into a detailed taper report. It performs a "find route" for every terminated fiber in every cable in the network, and then saves the associated termination information for each end of the route or fiber circuit in a separate database (CSA Database). A separate CSA database is created for every network for which a CSA Report is run. Using CSA data, users can globally determine fiber-fill in every cable span	X
All Terminated Ends Report - displays every terminated fiber in the network along with detailed termination information for each side of the circuit.	X

Individual Cable Spans Report - displays detailed information for each fiber within the selected span including Span id, fiber id, leased information, the length of the fiber route from the beginning to the ending points, the group names at both terminated ends, the end fiber status, priority, and the user information.	X
Rough Status Summary Report - evaluates each strand within every span in the network and identifies the status of those strands at each terminated end.	X
Fix Status - provides the ability to fix the status at one or both ends of a Status ID along with priority and user information.	X
Ability to print Status Summary Information from the grid or in a preformatted Crystal Report..	X
Create Theme Layer - The Create Theme feature allows you to create and save a MapInfo layer containing the Rough Status Summary information. This layer can be viewed thematically in the Map tab in OSPM-Admin as well as in OSPM-Edit and OSPM-View. Once created, the information is saved to a .tab file. This layer provides additional information that can be used in queries, thematic mapping, object labeling, etc.	X
Custom Status Summary - The Custom Status Summary Report provides the ability to customize strand status in the CSA database without changing the status in the main OSPM database (.ntk file). The purpose of this feature is to facilitate reporting of strand usage.	X
Owned / Leased Summary - reports status IDs based on combinations of owner, lease, and strand status information including status ID, owner information, leased by information, custom status values, total strand length per Status ID, and the percentage of strand length of the status ID to the entire network.	X
Route Length Report - provides a method of calculating the route length of the cable in the network.	X
OSPM Network Integrity Reporting, Management, and Fixes	
Integrity Check / Repair - The success of your OSPM network system depends on the accuracy and completeness of your data including the integrity of network elements and connectivity. Integrity Check/Repair (Integrity) performs a variety of tasks that identifies and reports integrity problems between network data and map elements, and in some instances fixes those discrepancies.	X
Integrity Problem Report - summarizes in tree view the tasks run by date and includes Report Date, Fixed, and Problem. The Report Date indicates the date the task was performed. The Fixed column tracks those tasks that have been completed, either by the program or by the user, and can be used to manage the tasks. The Problem column displays an explanation of the task performed and lists specific problems/ discrepancies with the database.	X
Integrity Report Tasks	
Set latitude/longitude for buildings, access points and poles (regional)- checks the location of objects (buildings, access points, and poles) on the map and populates the corresponding latitude and longitude coordinates in the respective fields.	X
Set zip codes for access points, buildings and poles -checks the location of objects (buildings, access points, and poles) on the map and populates the corresponding zip code fields in the respective fields.	X
Set relationship of enclosures and slack to poles and access points from map - checks the location of enclosures and slack loop objects and sets the relationships between those objects and corresponding poles and access points.	X

Set relationship of innerducts to spans - calculates the length of ductbanks on the map and populates the total length field in the duct bank table.	X
Set start place and end place for ductbanks - checks the map for beginning and ending objects and populate the corresponding fields in the duct bank table.	X
Set the total lengths of ductbanks - calculates the length of ductbanks on the map and populates the total length field in the duct bank table.	X
Set Re-calc spans (CSA*) - It recalculates the span lengths for all spans with beginning and ending points such as enclosures or fiber distribution panels (frames or termination points); it checks and sets the correct order of objects comprising the spans; it checks for spans that have separate lines (cable) segments next to each other (without being connected with a slack loop).	X
Set optical length in span table = spanlength table lengths (CSA*) - sets the optical length in the span table equal to the sum of the lengths of the objects that comprise that span in the spanlength table.	X
Set and add generic attachments to poles - identifies poles and cables within a certain region and then creates a generic attachment and relationship between the poles and cables.	X
Check latitude/longitude for buildings, access points and poles (regional) - checks each building, access point, and pole in the network or within a defined region to see if the latitude and longitude coordinates are correct.	X
Check relationship of enclosures and slack to poles and access points from map - checks the relationships between enclosures and slack loops to poles, buildings, and access points that are located on the map.	X
Check relationship of innerducts to spans - checks the map to see if the innerducts and spans within a certain proximity have an established relationship.	X
Check start place and end place for ductbanks - checks the map for the start and end points of duct banks (buildings and access points) and if the relationships between those place objects and ductbanks exist.	X
Check map connectivity (regional) - this task can be run on the entire database, or on a selected region. It identifies the cable spans that have a discrepancy between the map object length and the total length of the cable in the main database (.ntk file).	X
Check documents - lists all documents with problems with the filename, path, or associated objects.	X
Check for null values in the database (CSA*) - checks for fields in the main database (.ntk file) tables for "null" values (empty fields).	X
Check splicing (CSA*) - checks the integrity of the splicing and the cables within enclosures.	X
Check terminations (CSA*) - checks the integrity of the terminations in the fiber distribution panels (frames or termination points). It will also list those frames that do not have any terminations.	X
Check if data in the database is on the map - checks to see if the objects listed in the database exist on the map.	X
Check if data in the spanlength table is on the map - lists the discrepancies between the objects included in cable spans verses the map objects for the cables spans.	X
Check if relations exist in spanlength table - checks the spanlength table to see if relationships exist between objects contained in the cable span.	X
Check all spans for related spanlength data (CSA*) - checks all spans to make sure there is spanlength data in the table.	X
Check the total lengths of ductbanks - checks the map for the total length of ductbank objects.	X

Check Re-calc spans (CSA*) - checks and lists any spans that need to be recalculated, that objects comprising the spans are in the correct order, and for spans that have separate lines (cable) segments next to each other without a slack loop.	X
Check opticallength in span table = spanlength table lengths (CSA*) - lists all cables that have a difference in the total length for span verses the sum of the lengths of the objects that makeup that span. It also checks the order of the cable segments.	X
OSPM-Admin Tools	
Report Scheduler - provides a method of automating report generation within OSPM-Admin. It allows you to select the network and report to be run to be including the period, the day, and time.	X
Database Export - Use the Database Export tool to export an Oracle database to MS Access.	X
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Region Manager - The administrator uses the Region Manager Tool to create and modify both edit regions and report regions for the currently selected network.	X

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