





# TOPS – NextGen Airline Flight Operations Solution



Wipro's next generation product for the airline industry 'TOPS – Total Operation System' is an integrated product suite designed to support all major processes in airline flight operations.

TOPS helps airlines increase safety, awareness, efficiency and profitability of its operations.

## Solution Highlights

-  Offers a fully integrated next generation solution for the Integrated Operations Center (IOC) covering the long and short term maintenance planning, tail assignment, movement tracking on the day of operations. A sophisticated flight watch module compliant with the upcoming ICAO 4D/15 requirements
-  Provides a dynamic environment to model multiple possible scenarios and sharing optimized solutions enabling collaborative decision making within the IOC
-  Provides a complete situational awareness of flight operations with real-time monitoring and proactive alerting capability that follows a 'management by exception' philosophy
-  Improves accessibility across locations and devices with a browser based application

## TOPS Overview

Aircraft Scheduling		Aircraft Movement Control	Flight Dispatch & Tracking		Crew Management		
<b>Maintenance Planner</b>	<b>Tail Assigner</b>	<b>Movement Control</b>	<b>NOTAM Manager</b>	<b>Flight Follow</b>	<b>Crew Control &amp; Tracking</b>		
Maintenance Program Management	Scheduling Constraints & Rules	Aircraft Tracking	NOTAM Management	Flight Watch	<b>Crew Leave Management</b>		
Maintenance Rules & Constraints	Tail Assignment Scheduler	Aircraft Defects & Restrictions	Company NOTAM	Dispatch Assist	Leave Planning & Tracking		
Forecasting & Optimized Scheduling		Airport Management	NOTAM Analyser	OFP Analyzer	Leave Swap		
Future Fleets	Tail Assignment Optimizer	IATA Message Handling (SSIM/SSM)	<b>Overflying</b>	Wx Analyzer	<b>Crew Connect</b>		
<b>Maintenance Tracking</b>		Schedule Mgmt.+ Workflow		Invoice Validation & Discrepancies*	Aircraft Communication	Crew Information*	
		Maintenance Tracking	IATA Slot+ Handling	CFMU Manager*	RAIM Predictor*	Duty Swap	
Capacity Line Tracking	Mission Allocation	Workspace	<b>Flight Dispatch</b>		<b>Crew Tracking</b>		
Fleet Tracking	DROPz+		Dispatcher Desk*	Crew Rostering & Pairing Mgmt*	Notifications		
					<b>Crew Training</b>		
					Crew Training, Planning & Tracking*		
Operational Dashboard	Rules Manager	Alert Centre	Message Centre	Filter Management	Data Access & Security	User Management	Reports Manager
Flight Schedules & Related Masters	Airport & Related Masters	Aircraft & Related Master	City Pair Database	Crew & Leave Masters	Other Reference & Master Data (Countries, Timezones, Carriers, Service Types, Reason Codes, etc..)		

\*Road Map | \*Under Development

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By combining digital strategy, customer centric design, advanced analytics and

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