



Global connectivity in Saudi Arabia and Middle East,

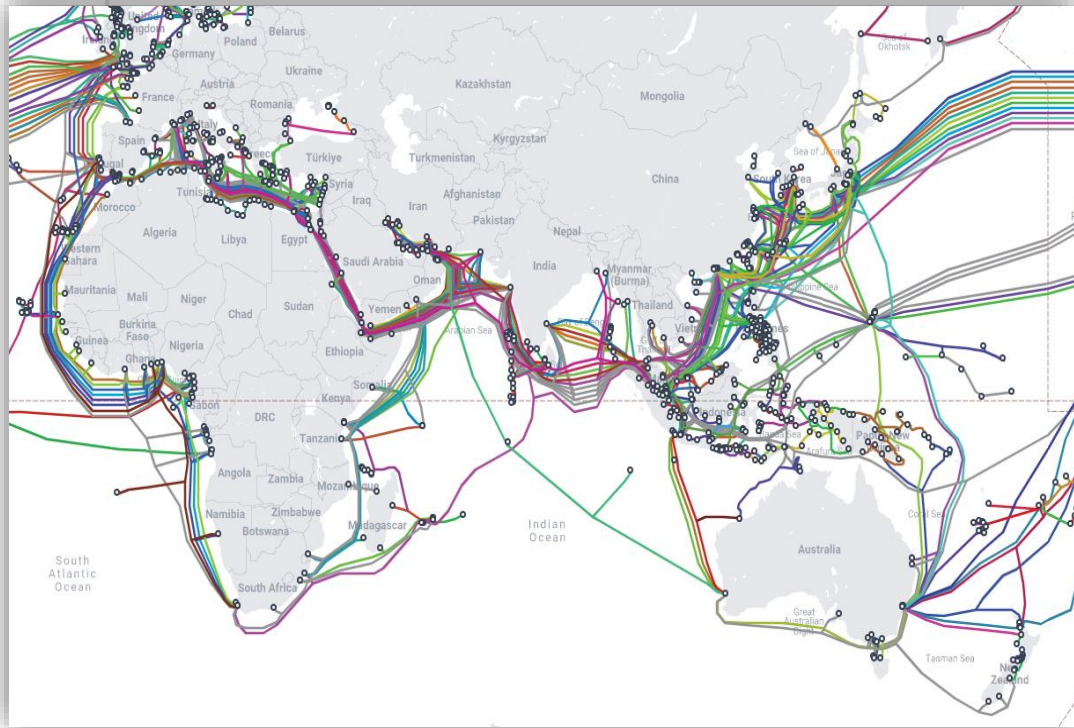
By Rayan Alsaedi, Senior Advisor @ Saudi MCIT

MENGO23, 12th October 2023

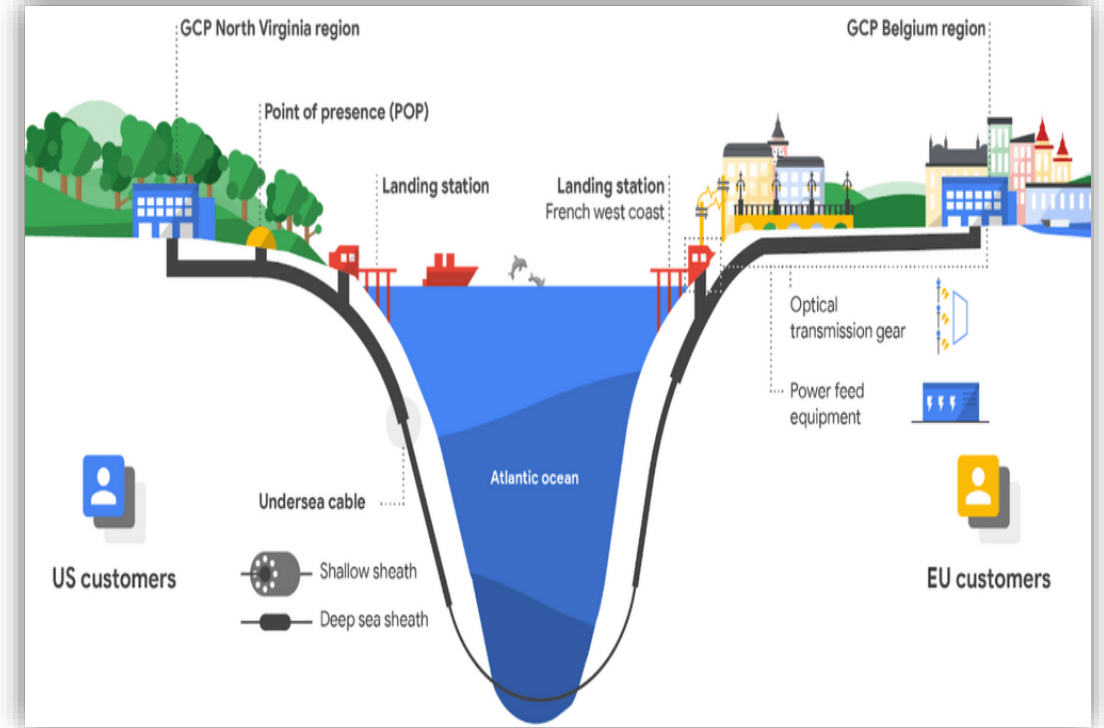


وزارة الاتصالات
وتقنية المعلومات
MINISTRY OF COMMUNICATIONS
AND INFORMATION TECHNOLOGY

Global Connectivity: The Backbone of the Internet Infrastructure



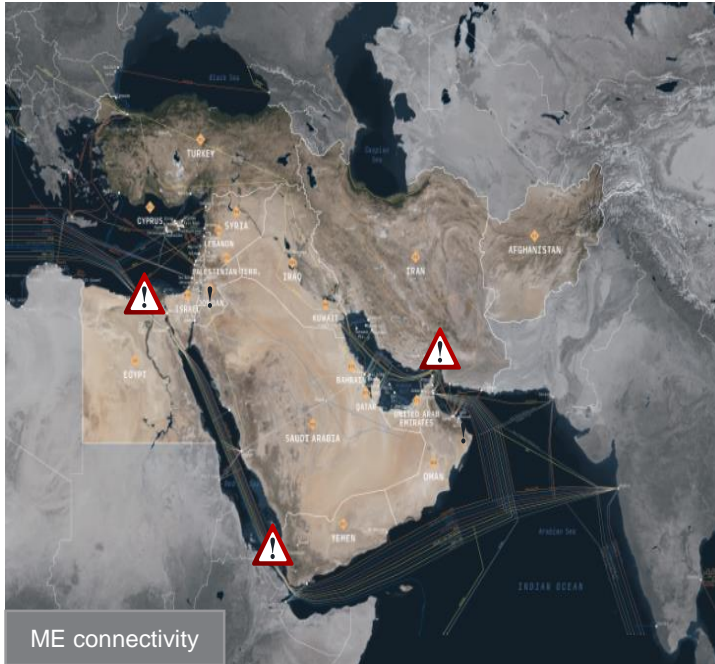
<https://www.submarinecablemap.com/>





<https://dgtlinfra.com/submarine-cables-fiber-link-internet/>

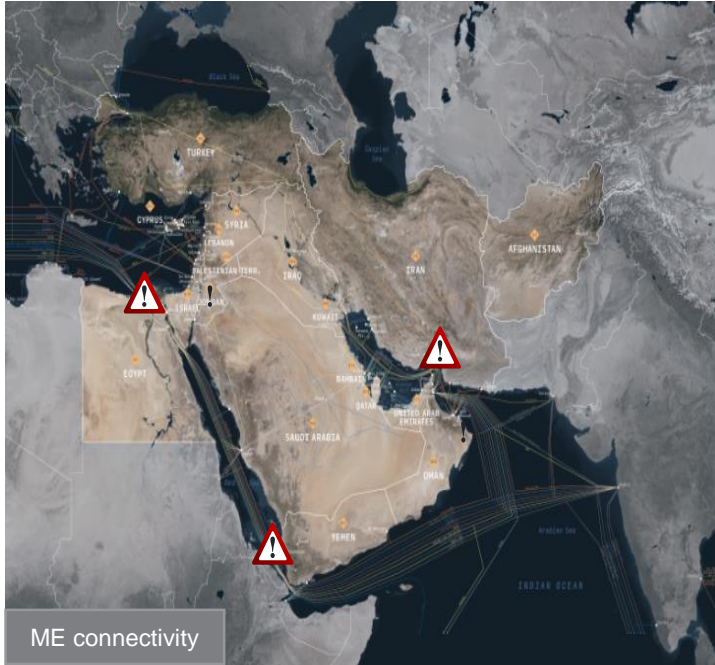
The global subsea cables carry an estimated 99% of international internet traffic. This includes all types of traffic, such as web browsing, email, video streaming, and online gaming

The Middle East: A Key Hub for Global Connectivity, Challenges, and Opportunities

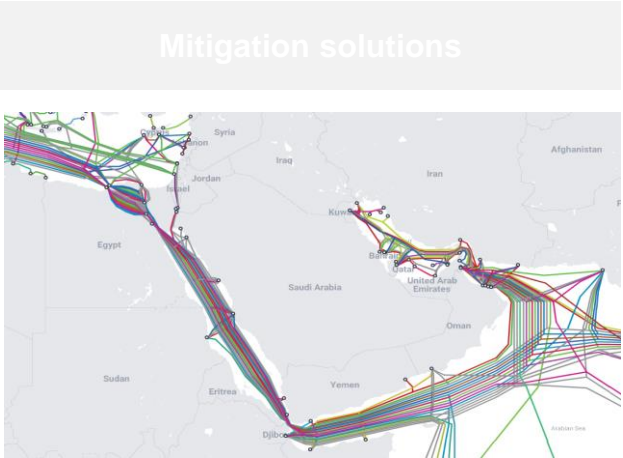


Area of Focus	Risks	Details	Mitigation solutions
<p>1</p> <p></p> <p>Technical</p>	<ul style="list-style-type: none"> Limited land crossing solution Multi-regional single point of failure Potential marine route challenges 		
<p>2</p> <p></p> <p>Commercial</p>	<ul style="list-style-type: none"> High segment cost High Transit fee 		

The Middle East: A Key Hub for Global Connectivity, Challenges, and Opportunities



Area of Focus	Risks	Details
<p>1</p> <p>Technical</p>	<ul style="list-style-type: none"> Limited land crossing solution Multi-regional single point of failure Potential marine route challenges 	<p>98% of Global subsea cables are crossing ME using both Red sea and Egypt crossing</p>
<p>2</p> <p>Commercial</p>	<ul style="list-style-type: none"> High segment cost High Transit fee 	



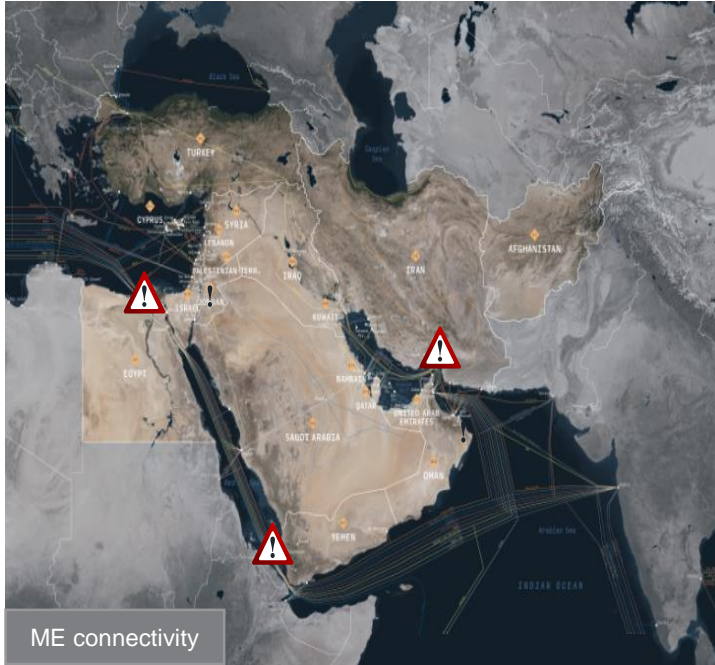
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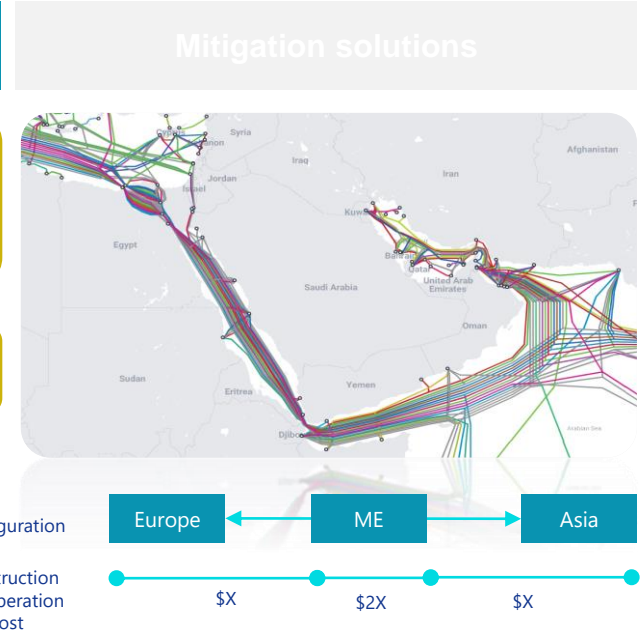
Area of Focus	Risks	Details
1 Technical	Limited land crossing solution Multi-regional single point of failure Potential marine route challenges	98% of Global subsea cables are crossing ME using both Red sea and Egypt crossing Lack of clear marine permitting process
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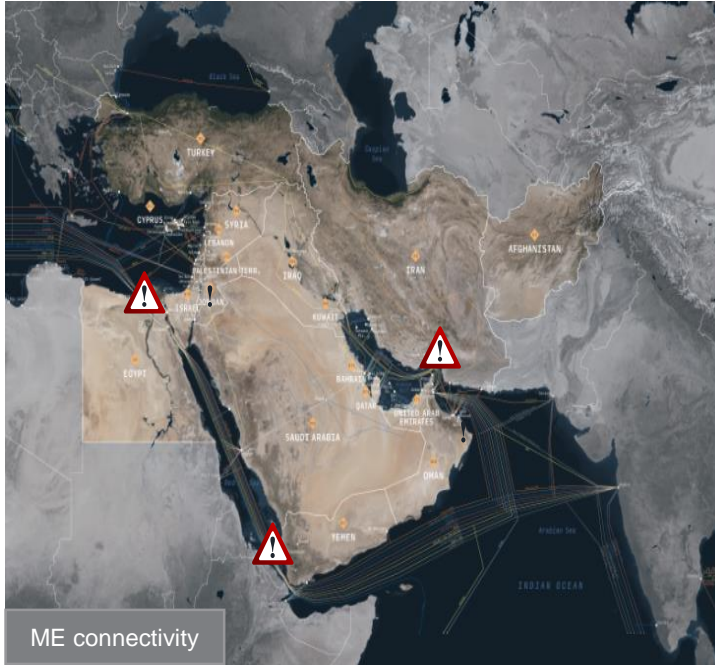
The Middle East: A Key Hub for Global Connectivity, Challenges, and Opportunities



Area of Focus	Risks	Details
1 Technical	Limited land crossing solution	98% of Global subsea cables are crossing ME using both Red sea and Egypt crossing
	Multi-regional single point of failure	
	Potential marine route challenges	Lack of clear marine permitting process
2 Commercial	High segment cost	2 times the cost of other global segments
	High Transit fee	cost fee reach \$1M per Tbps



The Middle East: A Key Hub for Global Connectivity, Challenges, and Opportunities



Area of Focus	Risks	Details	Mitigation solutions
1 Technical	<ul style="list-style-type: none"> Limited land crossing solution Multi-regional single point of failure Potential marine route challenges 	<ul style="list-style-type: none"> 98% of Global subsea cables are crossing ME using both Red sea and Egypt crossing Lack of clear marine permitting process 	<ul style="list-style-type: none"> Adding more innovative land routes
2 Commercial	<ul style="list-style-type: none"> High segment cost High Transit fee 	<ul style="list-style-type: none"> 2 times the cost of other global segments cost fee reach \$1M per Tbps 	

The Middle East: A Key Hub for Global Connectivity, Challenges, and Opportunities



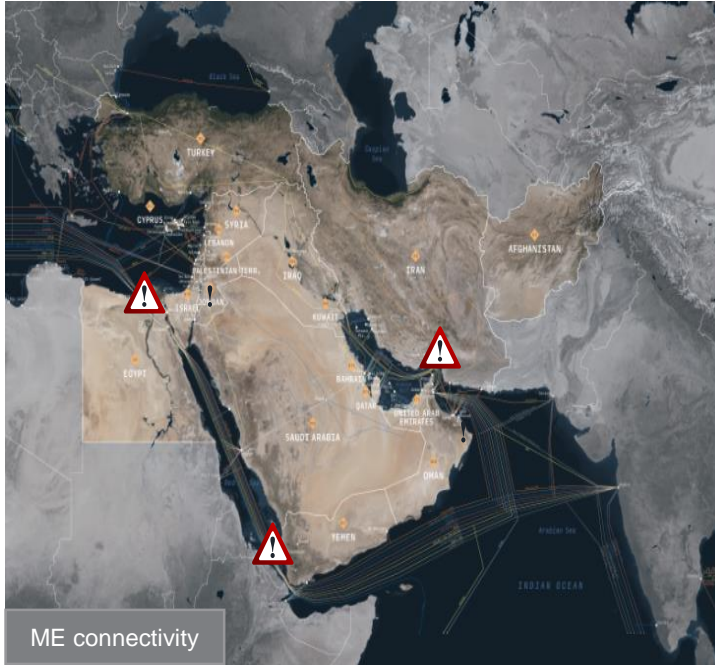
Area of Focus	Risks	Details	Mitigation solutions
1 Technical	Limited land crossing solution	98% of Global subsea cables are crossing ME using both Red sea and Egypt crossing	Adding more innovative land routes
	Multi-regional single point of failure		Introducing more digital corridors will create a new feature in ME
	Potential marine route challenges	Lack of clear marine permitting process	
2 Commercial	High segment cost	2 times the cost of other global segments	
	High Transit fee	cost fee reach \$1M per Tbps	

The Middle East: A Key Hub for Global Connectivity, Challenges, and Opportunities



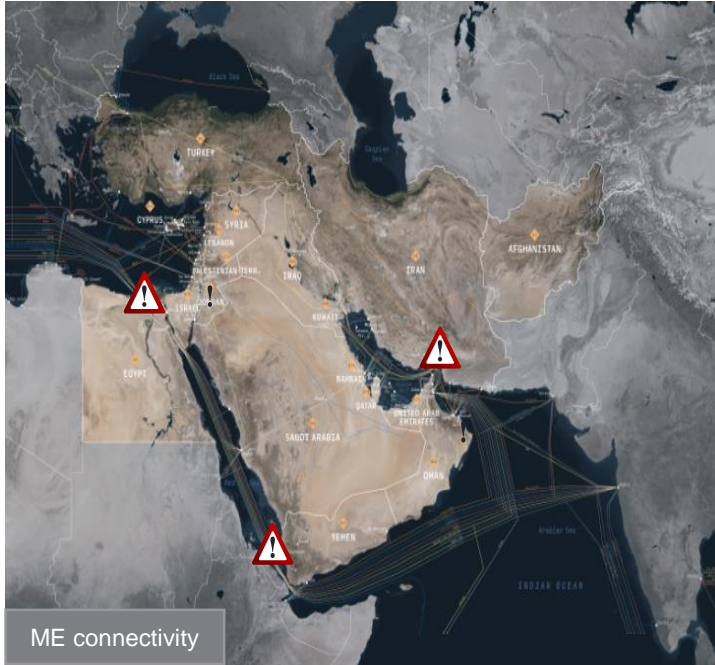
Area of Focus	Risks	Details	Mitigation solutions
1 Technical	Limited land crossing solution	98% of Global subsea cables are crossing ME using both Red sea and Egypt crossing	Adding more innovative land routes
	Multi-regional single point of failure		Introducing more digital corridors will create a new feature in ME
	Potential marine route challenges	Lack of clear marine permitting process	Introducing marine digital corridors
2 Commercial	High segment cost	2 times the cost of other global segments	
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The Middle East: A Key Hub for Global Connectivity, Challenges, and Opportunities



Area of Focus	Risks	Details	Mitigation solutions
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	Multi-regional single point of failure		Introducing more digital corridors will create a new feature in ME
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2 Commercial	High segment cost	2 times the cost of other global segments	Integration between scalable subsea and terrestrial solutions
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The Middle East: A Key Hub for Global Connectivity, Challenges, and Opportunities



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1 Technical	Limited land crossing solution	98% of Global subsea cables are crossing ME using both Red sea and Egypt crossing	Adding more innovative land routes
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2 Commercial	High segment cost	2 times the cost of other global segments	Integration between scalable subsea and terrestrial solutions
	High Transit fee	cost fee reach \$1M per Tbps	Regulation enhancement

Panel: The role of global connectivity in Saudi Arabia's vision to become a digital Hub

Moderator

Panelist



Rayan Alsaedi
(Senior Advisor)
Saudi MCIT



Salah Alsaeed
(VP Network)
Dawaiyt



Mohamed Saro
(SVP Technology)
ZOI



Georges Jaber
(VP Wholesale)
Salam



Omar Alsaied
(Advisory Board)
TestCrew

Date: 12 October 2023 – MENOG 23 Plenary Day 2

Time: 11:00-12:15

Thanks



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