# S&P TEST

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## CIENA CORPORATION SWOT & PESTLE ANALYSIS

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Company Name : Ciena Corporation

**Company Sector :** Telecommunications

**Operating Geography :** United States, North America, Global

#### About the Company :

Ciena Corporation, headquartered in Hanover, Maryland, is a provider of telecommunications networking equipment and software services. David R. Huber, an electrical engineer, founded Ciena in 1992, under the name HydraLite. In 1994, the business was renamed Ciena. Networking Platforms, Platform Software and Services, Blue Planet Automation Software and Services, and Global Services are the four segments that the company operates under. The company's Converged Packet Optical and Packet Networking portfolios make up the Networking Platforms sector. The Platform Software and Services division provides customers with analytics, statistics, and planning capabilities to help them manage Ciena's Networking Platforms products in their networks. The Blue Planet Automation Software and Services division comprises microservices, a standards-based open software suite, and related services that help companies accomplish largescale software and IT-led operations support system (OSS) changes. The Global Services division includes sales of Ciena's maintenance, training, installation, and deployment services, as well as network design. Telecommunications businesses, cable TV companies, large-scale online services companies, submarine network operators, and governments are among the users. Ciena also sells software to manage networks and automate numerous network processes, as well as network design, deployment, and management services. As of early 2022, the company has over 7,000 employees on it rolls.

Ciena's USP is that it provides best-in-class networking technology through high-touch consultative partnerships, supported by 26 years of experience constructing the world's most complex networks and being a networking industry pioneer. The mission statement of Ciena reads, "We're driven by a relentless pursuit of network innovation—enabling our customers to adapt within ever-changing environments to deliver richer, more connected experiences for their business and users"

#### **Revenue :**

US\$ 3,620.68 million - FY ending 31st October 2021

US\$ 3,532.16 million - FY ending 31st October 2020



#### SWOT Analysis :

The SWOT Analysis for Ciena Corporation is given below:

Strengths	Weaknesses
1.Driving innovation through R&D investment	1.It sources 3TG or conflict minerals from 3rd
and cutting-edge technological products	party sources risking legal and supply issues.
2.Minimized its risk by selling various	
equipment, software's and services in	
telecommunication, cloud and analytics	
industry.	
3.Forms the Backbone of booming telecom	
industry	
4.High customer satisfaction and market	
leading customers in AT&T, Verizon	
Communications and various governments.	
5.Strong balance sheet, cash	
-	
Opportunities	Threats
Opportunities 1.Opportunities to expand in European and	Threats 1.Increase in both minimum wage and
1.Opportunities to expand in European and	1.Increase in both minimum wage and
1.Opportunities to expand in European and Asian market	1.Increase in both minimum wage and corporate taxes in US to impact its margins
<ul><li>1.Opportunities to expand in European and</li><li>Asian market</li><li>2.Rapid rise in digitalization, internet,</li></ul>	<ul><li>1.Increase in both minimum wage and corporate taxes in US to impact its margins</li><li>2.Supply shortage and consolidation in</li></ul>
<ul><li>1.Opportunities to expand in European and Asian market</li><li>2.Rapid rise in digitalization, internet, smartphone, IOT adoption globally</li></ul>	<ul><li>1.Increase in both minimum wage and corporate taxes in US to impact its margins</li><li>2.Supply shortage and consolidation in semiconductors industry to impact its supply</li></ul>
<ul> <li>1.Opportunities to expand in European and Asian market</li> <li>2.Rapid rise in digitalization, internet, smartphone, IOT adoption globally</li> <li>3.Many countries banning Huawei</li> </ul>	<ul><li>1.Increase in both minimum wage and corporate taxes in US to impact its margins</li><li>2.Supply shortage and consolidation in semiconductors industry to impact its supply chain</li></ul>
<ol> <li>Opportunities to expand in European and Asian market</li> <li>Rapid rise in digitalization, internet, smartphone, IOT adoption globally</li> <li>Many countries banning Huawei</li> <li>It can capitalize on the 5G roll out</li> </ol>	<ul> <li>1.Increase in both minimum wage and corporate taxes in US to impact its margins</li> <li>2.Supply shortage and consolidation in semiconductors industry to impact its supply chain</li> <li>3.Dynamic and competitive industry with</li> </ul>
<ol> <li>Opportunities to expand in European and Asian market</li> <li>Rapid rise in digitalization, internet, smartphone, IOT adoption globally</li> <li>Many countries banning Huawei</li> <li>It can capitalize on the 5G roll out</li> <li>Telecommunications sector to benefit from</li> </ol>	<ul> <li>1.Increase in both minimum wage and corporate taxes in US to impact its margins</li> <li>2.Supply shortage and consolidation in semiconductors industry to impact its supply chain</li> <li>3.Dynamic and competitive industry with bigger players like cisco, Huawei, Nokia</li> </ul>



#### **PESTLE Analysis :**

The PESTLE Analysis for Ciena Corporation is given below:

Political	Economical
1.Poor US-China relations to prevent Chinese	1.US economy and global rebounds quickly
telcos to compete in US	after Covid 19 slump
2.Telecommunications considered as critical	
infrastructure has government support	
Social	Technological
1.High speed internet and connectivity has	1.Cloud adoption by companies and businesses
become a basic need in western world	on the rise
2.Cinema and Television are being replaced by	
streaming services such as YouTube, Netflix	
3.Rapid adoption of smart phone and IOT	
devices	
Legal	Environmental
1.Indirect impact from Net Neutrality	1.Engagement in environmental management
regulations	to minimize impact
2.Data protection regulations like GDPR to	2.Digital tech to help fight climate change
impact telecom industry	

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