

Breaking Legacy Limits

A BCCL Security Overhaul Case Study

The Metamorphosis: Transforming Legacy into Leadership

BCCL faced daunting challenges within its IT infrastructure, highlighted by outdated systems, limited oversight, and poor scalability.

BCCL Embraces Advanced Security, Leaving Legacy Systems Behind

Bennett, Coleman and Co. Ltd. (BCCL), a giant in the global media landscape and the guardian of The Times of India, has consistently been at the forefront of shaping the media industry with its extensive offerings in print, digital, TV, and radio. Founded in the 19th century, BCCL has excelled by continually embracing technological advancements and expanding its influence, thereby cementing its status as a leader in the media world.

As BCCL looked to the future, it recognised the need for a critical evolution to revitalise its ageing IT infrastructure, which had become a bottleneck to its operational agility and security. This realisation brought BCCL to our doorstep in search of a transformative solution that would not only modernise their systems but also provide scalability across their extensive operations. Faced with multiple challenges, such as outdated security protocols, limited control over unauthorised application usage, and reliance on cumbersome hardware that impeded rapid scalability, BCCL required a comprehensive and robust security overhaul to protect its diverse and expansive ecosystem.

“Adopting the Netskope SASE framework is a transformative step toward the future of secure, seamless, and scalable network solutions. It redefines traditional boundaries with a unified, context-aware, and cloud-first architecture, enabling organizations to achieve exceptional performance and unmatched workforce flexibility.”



Mr. Harish Gupta
General Manager IT



Legacy Infrastructure Challenges

The antiquated systems faltered against modern threats due to inadequate monitoring.



Shadow IT Risks

The use of unsanctioned apps exposed BCCL to significant security risks, necessitating oversight.



Remote Access Control

Outdated mechanisms inadequately monitored remote users, compromising security and productivity.



Scalability Constraints

Outdated mechanisms inadequately monitored remote users, compromising security and productivity.







Policy Enforcement Limitations

The challenge of implementing precise, context-aware policies in cloud applications hindered data management and security.



The Netskope Effect: Leading BCCL Towards a Secure Future

Netskope is redefining enterprise security, delivering bespoke solutions that fortify and streamline compliance across the digital expanse.

-  **Revamped Web Security Gateway (SWG)**
Our cutting-edge SWG not only safeguards access to web and cloud resources but dynamically adapts security measures to evolving threats, ensuring both robust protection and seamless performance.
-  **Innovative Cloud Access Security (CASB)**
With our advanced CASB, visibility and control over cloud environments are enhanced, enabling meticulous risk assessments and stringent policy enforcement to safeguard against unauthorised applications.
-  **Next-Generation Zero Trust Network Access (NPA)**
Our NPA transforms secure connections by relentlessly verifying identities and scrutinising device integrity, phasing out obsolete VPN technologies.
-  **Dynamic Data Loss Prevention (DLP)**
This system vigilantly oversees and manages data transactions across diverse platforms, rigorously upholding international data protection laws and preempting potential breaches.

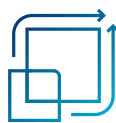
Future-Proofing BCCL: Outcomes of BCCL's IT Vision

Netskope's deployment at BCCL has catalysed a remarkable transformation across three critical domains.



Revamped Security

BCCL now enjoys enhanced defences against evolving digital threats and unauthorised access, ensuring a fortified security environment.



Scalability Achieved

By reducing reliance on physical infrastructures, BCCL has significantly enhanced its scalability, streamlining operations and reducing costs.



Rigorous Compliance

With strengthened data protection measures, BCCL now aligns seamlessly with global compliance standards, ensuring data integrity and security across borders.

Decoding the Challenges: A Closer Look into BCCL's IT Complexities

What Were the Major IT Hurdles BCCL Had to Overcome?

In an era where digital agility is essential, the IT infrastructure at BCCL reached a critical juncture, hindered by outdated technology incapable of keeping pace with the rapid advancements necessary for global competitiveness. The legacy systems faced significant challenges in addressing modern cybersecurity threats and adapting to the dynamic technological landscape. This pressing situation underscored the need for not merely an upgrade but a comprehensive transformation, enabling BCCL to navigate the future with resilience and seize opportunities for sustained growth and success.

Shadow IT, stemming from limited oversight, grew within the organization, introducing hidden risks that were largely unaddressed. The absence of advanced analytics to detect and mitigate unusual user behaviors and potential security breaches further heightened these vulnerabilities. Additionally, BCCL's IT framework, originally designed for traditional, stationary corporate environments, struggled to adequately support the growing needs of remote and mobile employees, highlighting a gap in alignment with the evolving trend toward flexible work arrangements.

The scalability of operations was further hindered by a reliance on physical hardware, creating financial and logistical challenges that impeded agile growth and rapid adaptation to emerging market demands. Broad and inflexible access controls lacked the sophistication needed for precise, context-aware policy enforcement—particularly critical for managing cloud applications and safeguarding sensitive data.



Recognising these interconnected challenges, BCCL embraced the opportunity for a transformative shift. This reimagined approach aims not only to resolve immediate issues but also to establish a resilient, innovative IT strategy capable of driving sustainable growth in a rapidly changing digital landscape.

The scalability of operations, constrained by a reliance on physical hardware, posed significant financial and logistical challenges. This reliance was a blockade to agile expansion and swift adaptation to new market demands. The broad, rigid access controls in place lacked the finesse required for nuanced, context-aware policy enforcement, especially crucial in the management of cloud applications and sensitive data.

Acknowledging these multifaceted challenges, BCCL was poised for a dramatic transformation, one that would not only address these immediate shortcomings but also reimagine its IT strategy to forge a path of enduring resilience and innovation.



“As BCCL looked to the future, it recognized the need for a critical evolution to revitalise its ageing IT infrastructure, which had become a bottleneck to its operational agility and security. ACPL has been a strategic partner of BCCL (The Times of India) in ensuring that state-of-the-art cyber security technologies and platforms are implemented comprehensively and managed deftly to safeguard BCCL's business operations, information and data assets 24/7.”

Mr. Rajeev Batra
CIO

Engineering the Solutions: Transforming BCCL's IT Framework

Advanced Security Solutions Help BCCL Surpass IT Challenges

As the security threats are now evolving at a daunting speed, BCCL embraced a transformative approach with Netskope's state-of-the-art security solutions to stay ahead of its time. This strategic shift was pivotal in turning potential vulnerabilities into robust defences.

The deployment of the Secure Web Gateway (SWG) marked a foundational enhancement, bolstering web and cloud application security with stringent threat protection and meticulous policy enforcement. This layer of security is vital in shielding against increasingly sophisticated cyber threats.

Parallel to SWG, the Cloud Access Security Broker (CASB) extended deep visibility into cloud operations, enabling comprehensive risk assessments and tight control over app usage. Such oversight is critical for reining in unsanctioned applications and safeguarding sensitive information. Additionally, Zero Trust Network Access (NPA) revolutionised connectivity protocols by rigorously verifying identities and device health, thus ensuring secure and direct access to critical resources.

Completing the security architecture, the Inline/Web Data Loss Prevention (DLP) system monitors and regulates data transactions across the network in real-time. This ensures that BCCL remains compliant with global data protection standards and effectively prevents data breaches. Together, these enhancements not only fortified BCCL's security framework but also streamlined operations, significantly reducing vulnerabilities and enhancing the resilience of its systems against future digital threats.

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The Outcomes and the Impact: Changes Driven by BCCL's IT Strategy

Achieving New Heights in IT Security and Efficiency

Due to Netskope's pioneering security solutions, BCCL remains at the forefront by subtly yet significantly enhancing its cybersecurity framework. This progression involves refreshing our IT infrastructure while navigating the intricacies of modern cyber threats and shadow IT. These enhancements not only safeguard our digital environment but also set a new benchmark in operational security.

Our transition to a cloud-native architecture marks a major stride towards reducing our reliance on extensive physical infrastructure. This not only curtails operational costs but also bolsters our flexibility, allowing BCCL to rapidly adapt to changes within the dynamic business landscape.

Moreover, by bolstering visibility and control over the actions of remote and mobile employees, we ensure that rigorous security protocols are maintained across all operations. This enhanced oversight is essential for a seamless security posture, irrespective of geographic boundaries. Additionally, our refined policy enforcement capabilities improve resource management and ensure compliance with the highest data security standards.

These strategic advancements elevate BCCL's operational efficiency and resilience, fortifying our commitment to maintaining leadership and fostering innovation in the digital domain.



Question & Answer

1. *What transformative changes have Netskope introduced to remote user management at BCCL?*

Netskope has revolutionised remote work at BCCL by ensuring that remote users enjoy the same robust level of protection and seamless access as their in-office counterparts, effectively bridging the security gap between different work environments.

2. *How has BCCL tackled the challenges associated with shadow IT?*

BCCL has taken a proactive stance against shadow IT with Netskope's CASB, which illuminates the once-obscured corners of unsanctioned app usage. This powerful visibility enables BCCL to strategically mitigate risks and implement precise, tailored security policies.

3. *Can BCCL now scale its operations more efficiently?*

Absolutely. Thanks to Netskope's cloud-native architecture, BCCL is now equipped to dynamically scale its IT resources, fostering growth without the burdensome costs of traditional hardware investments, thus ensuring agility and scalability in its operations.

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Engineering the Solutions: Transforming BCCL's IT Framework

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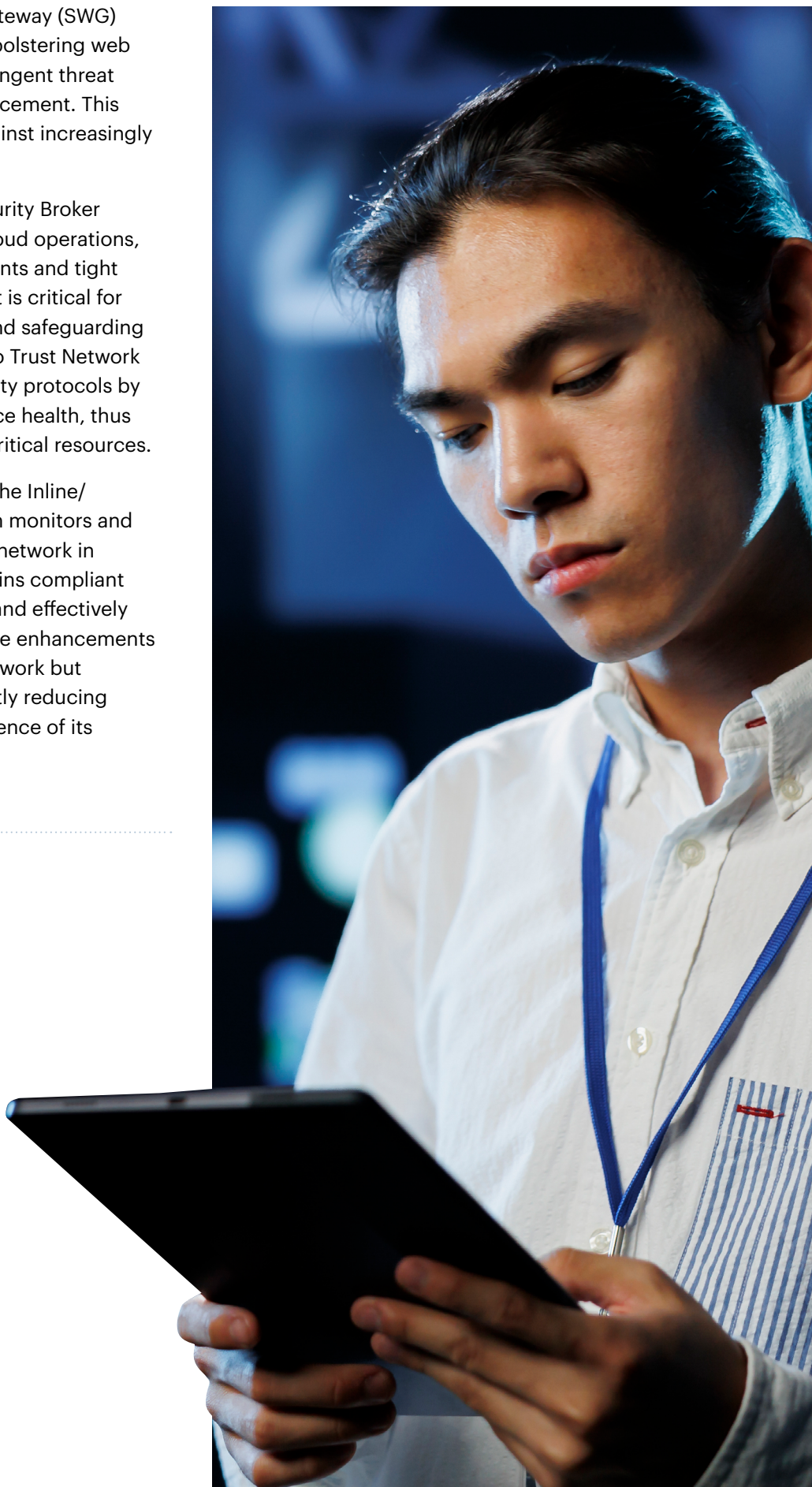
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