

**Bitdefender<sup>®</sup>**

Stumpp Schuele &  
Somappa Springs  
infrastructure secured by  
Bitdefender GravityZone  
Business Security





Bangalore-based Stumpp Schuele & Somappa Springs Pvt. Ltd, one of India's largest manufacturers of quality springs, is a part of the MG Brothers Group which is a 60 year old enterprise operating across business sector such as transportation, auto dealerships, agriculture and real estate.

With a capacity to convert 15,000 tons of steel into springs each year, Stumpp Schuele & Somappa Springs is the "Number 1" spring maker of high quality springs in India. Established in 1960, Stumpp Schuele & Somappa Springs was the first spring manufacturing company in the sub-continent. Today, with 12 plants manufacturing more than 4,000 varieties of springs, the company has over 600 skilled professionals who are committed to quality and excellence.

Being a leader in this booming industry, Stumpp Schuele & Somappa Springs takes its excellence in product design and manufacturing very seriously while it also makes sure the manufacturing process is never disrupted. That is why securing IT infrastructure from potential breaches has always been an important priority for company's IT department.

"Keeping data secure is very crucial for us, not only for general reasons that every business has, but because we have our own R&D department that holds really critical information," says Sridhar Rao, DGM-IT, Stumpp Schuele & Somappa Springs (P) Ltd.

As any other mid-size enterprise, Stumpp Schuele & Somappa Springs was facing issues like malware infections, viruses affecting performance of the system within corporate IT infrastructure and hampering the work of various departments from time to time. However, the need for a robust security solution arose when one of the company's suppliers got infected with ransomware.

"Last year we come across a situation where we received an invoice generated from one of our Supplier's mail ID stating that there was a change of his bank account. The further damage was averted by immediately alerting the supplier. Later we came to know that not only his e-mail ID was hacked, but also his system got infected with Ransomware due to which he lost all his official files," Mr. Rao recalls. "That was the reason for us to look for a proper antivirus solution that can scan, detect and prevent ransomware infections, among other things".

Stumpp Schuele & Somappa Springs's IT solutions provider, Bangalore-based Peritas IT Solutions has recommended trying Bitdefender security products to get rid of nasty ransomware infection and overall experience the next-level security solution at work. After a series of demonstrations and tests, the company signed up for 200+ licences for Bitdefender GravityZone Business Security, a premium security solution of GravityZone family.

Bitdefender GravityZone Business Security is a bundle of security services designed for small and medium businesses, combining #1-ranked security with the simple centralized management of workstations and servers.

The web-based version of Bitdefender GravityZone Business Security moves the administration of the security software running on PCs to the cloud making it ideal for companies with several geographical locations allowing them to save money spent on additional hardware. The business can benefit from the centralized security provided by Bitdefender, eliminating the costs of buying and maintaining hardware for each site.



“Ransomware issue was effectively addressed by BitDefender, and after more test and trials we decided to go for it,” Mr. Rao says. “I was aware about Bitdefender brand before, but I didn’t know it is capable of dealing with ransomware and other threats so effectively. BitDefender is not just an Antivirus product, but comes with basic Firewall capabilities, which is very useful. Overall experience with this product and support is excellent”.

In 2016, India ranked fourth globally among the countries most affected by ransomware, a breed of malware which infects system in order to lock files and squeeze a ransom payment from a victim in return for a decryption key. The amount of ransom paid by Indian users and businesses to cyber-criminals jumped from around Rs 20,000 (less than \$300) in 2015 to more than Rs 1 lakh (little less than \$1,500) in 2016 and most recently, the ransom is asked to be paid in bitcoins, the value of which is growing rapidly (from January to December 2016, the value of 1 bitcoin has grown from Rs 25, 000 to Rs 57,000).

Bitdefender researchers distinguish three different types of ransomware: screen-lockers, the “mildest” of all ransomware, crypto-ransomware which encrypts specific locally stored information – and sometimes cloud backups, too – and offers to decrypt it in exchange for a fee ranging from \$300 to \$900 and disk-encryptors. Unlike file encryptors, disk encryptors hold the entire disk drive at ransom and prevent the user from booting their operating system.

Most of the times, ransomware spreads by posing as invoices, delivery notes, attached CVs or other enticing content attached to carefully crafted spam e-mails. If the user opens the message and clicks the attachment, the encryption process starts. When all the information is encrypted, the user sees a warning message directly on the desktop, along with instructions on how to pay the ransom and get the decryption key. Other times, ransomware operators buy advertising on high-traffic websites. These adverts are not the regular banners, but rather crafted ads that exploit vulnerabilities in browsers and browser plugins. When the browser (or the respective plugin) crashes, it automatically installs the ransomware component.

In March, 2016, Bitdefender released a new vaccine tool which can protect against known and possible future versions of the CTB-Locker, Locky and TeslaCrypt crypto ransomware families by exploiting flaws in their spreading methods. The latest versions of Bitdefender consumer and enterprise products provide powerful protection against ransomware: whenever any suspicious pattern of activity emerges on an endpoint, samples are sent to Bitdefender cloud, automatically analyzed in the cloud and if it’s found to be ransomware, a signature is generated and pushed in less than 30 minutes. After the signatures get pushed, propagation takes approximately 3 hours to get on all endpoints via product update.

“We are very happy to serve the IT security needs, including solving the ransomware issue, of such distinguished company as Stumpp Schuele & Somappa Springs with the help and dedication from our channel partner in Bangalore, Peritas IT Solutions,” said Zakir Hussain Rangwala, Director of BD Software.

“Bitdefender GravityZone Business Security is a powerful and simple security solution to protect businesses. While you don’t need to be an advanced IT admin to manage Bitdefender GravityZone Business Security as it can be installed in minutes and managed by users with no IT background, we believe in providing extra support to our partners and their customers whenever they need it. Focusing



on delivering extra value to all our channel partners and their customers as a part of our strategy in the market that have helped us establish Bitdefender brand in India," Mr Rangwala added.

### **About Bitdefender**

Bitdefender is a global security technology company that provides cutting edge end-to-end cyber security solutions and advanced threat protection to more than 500 million users in more than 150 countries. Since 2001, Bitdefender has consistently produced award-winning business and consumer security technology, and is a provider of choice in both hybrid infrastructure security and endpoint protection. Through R&D, alliances and partnerships, Bitdefender is trusted to be ahead and deliver robust security you can rely on.

### **About Bitdefender GravityZone**

GravityZone is a business security solution built from ground-up for virtualization and cloud to deliver security services to physical endpoints, mobile devices, virtual machines in private, public cloud and Exchange mail servers. GravityZone delivers multiple layers of security for endpoints, including Microsoft Exchange mail servers: antimalware with behavioral monitoring, zero day threat protection, application control and sandboxing, firewall, device control, content control, anti-phishing and antispam. GravityZone Security Services include Security for Endpoints, Security for Virtualized Environments, Security for Exchange, Security for Mobile and Hypervisor Memory Introspection.

Bitdefender GravityZone product line includes Bitdefender GravityZone Business Security ideal for Small Businesses, Bitdefender GravityZone Advanced Business Security for larger organizations and Bitdefender GravityZone Enterprise Security for offices, datacenters and public cloud environments.

### **About BD Software**

BD Software Distribution Pvt. Ltd. (BD Software) is a value added IT security distributor offering industry-leading consumer and enterprise-level solutions in Indian market. Together with our channel partners, we focus on bridging the most comprehensive protection from malware and cyber threats to government and educational organizations, businesses and consumers. Our background, technical strength and partner network across the country enable us to lead some of the best practices in challenging and complex IT security environments. For more information, visit <http://bitdefender.in/>

### **About Peritas IT Solutions**

Peritas is young, dynamic and adaptive IT Solutions Company. Founded in the year 2012 by three first time entrepreneurs, Peritas offers expertise in Network Security, Printing Solutions and Cloud Services. Company's Security Solution offerings include Technologies like Content Filtering/Web Filtering, Identity and Access Management, Single Sign On, Digital Certificate, Privilege Identity Management and other security solutions. For more information, visit <http://www.peritassol.com>

Bitdefender delivers security technology in more than 100 countries through a cutting-edge network of value-added alliances, distributors and reseller partners. Since 2001, Bitdefender has consistently produced market-leading technologies for businesses and consumers and is one of the top security providers in virtualization and cloud technologies. Bitdefender has matched its award-winning technologies with sales alliances and partnerships and has strengthened its global market position through strategic alliances with some of the world's leading virtualization and cloud technology providers.

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