

## Bosch toughens up its IP-surveillance product strategy with EE25 Series drives



The Bosch Group is a leading global manufacturer of automotive, industrial and security technologies as well as consumer goods. Surveillance systems are a growing part of its diverse security portfolio, which includes fire safety solutions, home alarms, security management and communication systems.

Bosch is leading in the emerging field of IP surveillance with its new VideoJet X family of video encoders, including the VideoJet X10 (1-channel), X20 (2-channel) and X40 (4-channel). These cutting-edge devices combine high-quality video, search intelligence and extreme ruggedness – extending CCTV over IP and into the most challenging physical environments.

Bosch is targeting this robust product family at a diverse range of markets and applications, from devices that operate in harsh industrial environments, to heavy traffic conditions, urban city centres and mobile surveillance on lorries and trains.

That's why it needed a hard drive inside that could take whatever was thrown at it: the super-tough EE25 Series™ hard drive from Seagate®.

### The EE25 Series drive: ready for anything.

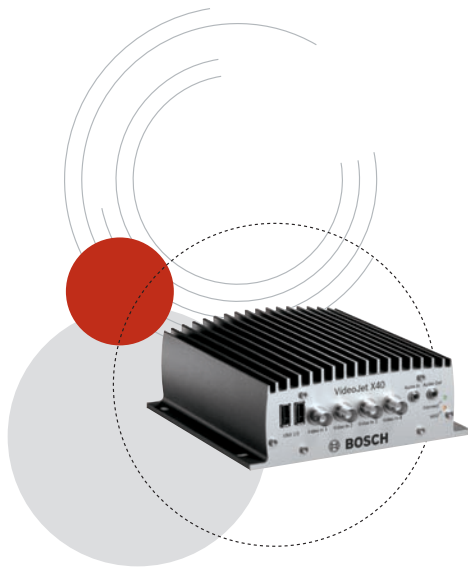
“Our ruggedised VideoJet X family of video encoders is designed for harsh environments with a temperature range that could be anything from  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$ . They also need to withstand the kind of extreme vibration found in military environments and record tens of GBs of digital footage at a time,” explained Konrad Simon, the product manager of IP network video for Bosch.

“There are very few suppliers who make the kind of robust hard drive required for this product range,” Simon continued. “Besides being able to withstand extreme temperatures and vibration levels, the hard disc drive needs to be able to do 100% write duty cycles. We evaluated a number of HDD specs and test reports, and did a range of internal tests too.”

The robust Seagate EE25 Series drive was the clear winner – engineered to operate at temperatures from  $-30^{\circ}\text{C}$  up to a searing  $+85^{\circ}\text{C}$ , withstanding 2Gs operating vibration and still going strong at altitudes of 5,000 metres.

“*Only Seagate EE25 Series hard drives met all of our technical requirements and proved to be truly excellent quality.*”

Konrad Simon, The Bosch Group



### It's easy to see why Bosch chose Seagate

When you're a world leader like Bosch, known for the exceptional performance and reliability of its products, you need to team up with a partner who also takes performance and reliability extremely seriously. Who better than Seagate?

"Only Seagate EE25 Series hard drives met all of our technical requirements and proved to be truly excellent quality. Twinned with that, Seagate offered the developers at Bosch the best support for product design and implementation."

Simon says that the product development went quickly and smoothly, with the EE25 Series drive demonstrating a remarkable ability to withstand extremes of temperature and vibration at every point in the testing cycle. He could not be happier with the outcome.

"In the VideoJet X series, we now have a family of high-quality IP surveillance products that provide exactly what we planned for. They are able to be deployed reliably in a whole range of harsh environments and across diverse applications." That's a great IP-surveillance to-market strategy for Bosch, opening up a wealth of new market opportunities for this increasingly popular surveillance technology.



### Looking forward to even higher capacities

Simon is delighted that the second-generation EE25 Series drive is now available with capacities up to 80GB, meaning that the team can build products with even greater storage capabilities – ideal for IP-surveillance applications. "We're looking forward to integrating these new higher-capacity drives into our products."

The Seagate perpendicular recording technology breakthrough means that we will also be introducing an even greater capacity with future generations of the EE25 Series drive."

So, in a word, how would Simon describe his experience of working with Seagate? "Excellent."

**Bosch Sicherheitssysteme GmbH**  
**Robert-Koch-Str. 100**  
**85521 Ottobrun**  
**Germany**

[www.bosch-sicherheitssysteme.de](http://www.bosch-sicherheitssysteme.de)  
[www.boschsecuritysystems.com](http://www.boschsecuritysystems.com)

Copyright © 2008 Seagate Technology LLC. All rights reserved. Seagate, Seagate Technology and the Wave logo are registered trademarks of Seagate Technology LLC in the United States and/or other countries. EE25 Series is either a trademark or registered trademark of Seagate Technology LLC or one of its affiliated companies in the United States and/or other countries. All other trademarks or registered trademarks are the property of their respective owners. When referring to hard drive capacity, one gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes. Your computer's operating system may use a different standard of measurement and report a lower capacity. In addition, some of the listed capacity is used for formatting and other functions, and thus will not be available for data storage. Seagate reserves the right to change, without notice, product offerings or specifications. Publication Number: CS532.1-0801GB, January 2008