



The power to do more

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INFORMATION

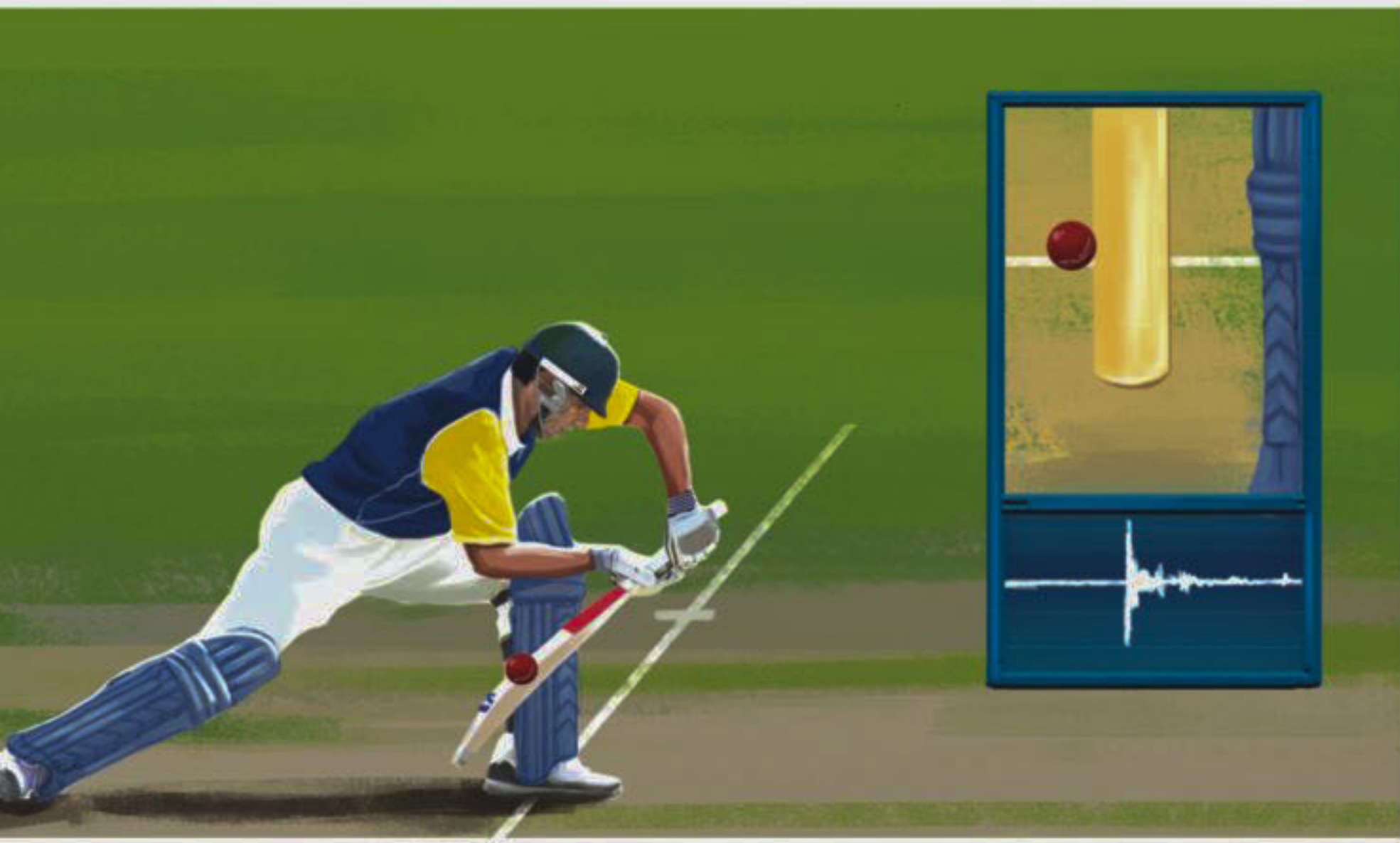
GADGETS

TECHNOLOGY

# BYTES



## CRICKET GIZMOS



### REAL TIME SNICKOMETER

**First Used:** Though Snickometer was first used in 1999, but the enhanced 'Real Time Snickometer' was first used at 2013 Ashes

**Developed By:** British Researcher Allan Plaskett developed it but it's now marketed by BBG Sports.

**How it Works:** The real-time snickometer is composed of a very sensitive microphone located in one of the stumps, connected to an oscilloscope that measures sound waves. When the ball nicks the bat, the oscilloscope trace will pick up the sounds. At the same time, a high speed camera records the ball passing the bat.

**Cost: Tk. 2.5 Lacs per match (Appx.)**



### SPIDER CAM

**First Used:** In cricket, Spidercam was first used in the Indian Cricket League (IPL) in 2010

**Developed By:** Jens C. Peters of CCSystems Inc. first developed it. Now the CCSystems has renamed itself to Spidercam GmbH.

**How it Works:** The Spidercam operates with four motorized winches positioned at each corner at the base of the covered area, each of which controls a Kevlar cable connected to a gyro-stabilized camera-carrier, or dolly. By controlling the winding and unwinding of the cables, the system allows the dolly to reach any position in the three-dimensional space.

**Cost: Tk 8 Lacs per operational hour (Appx.)**

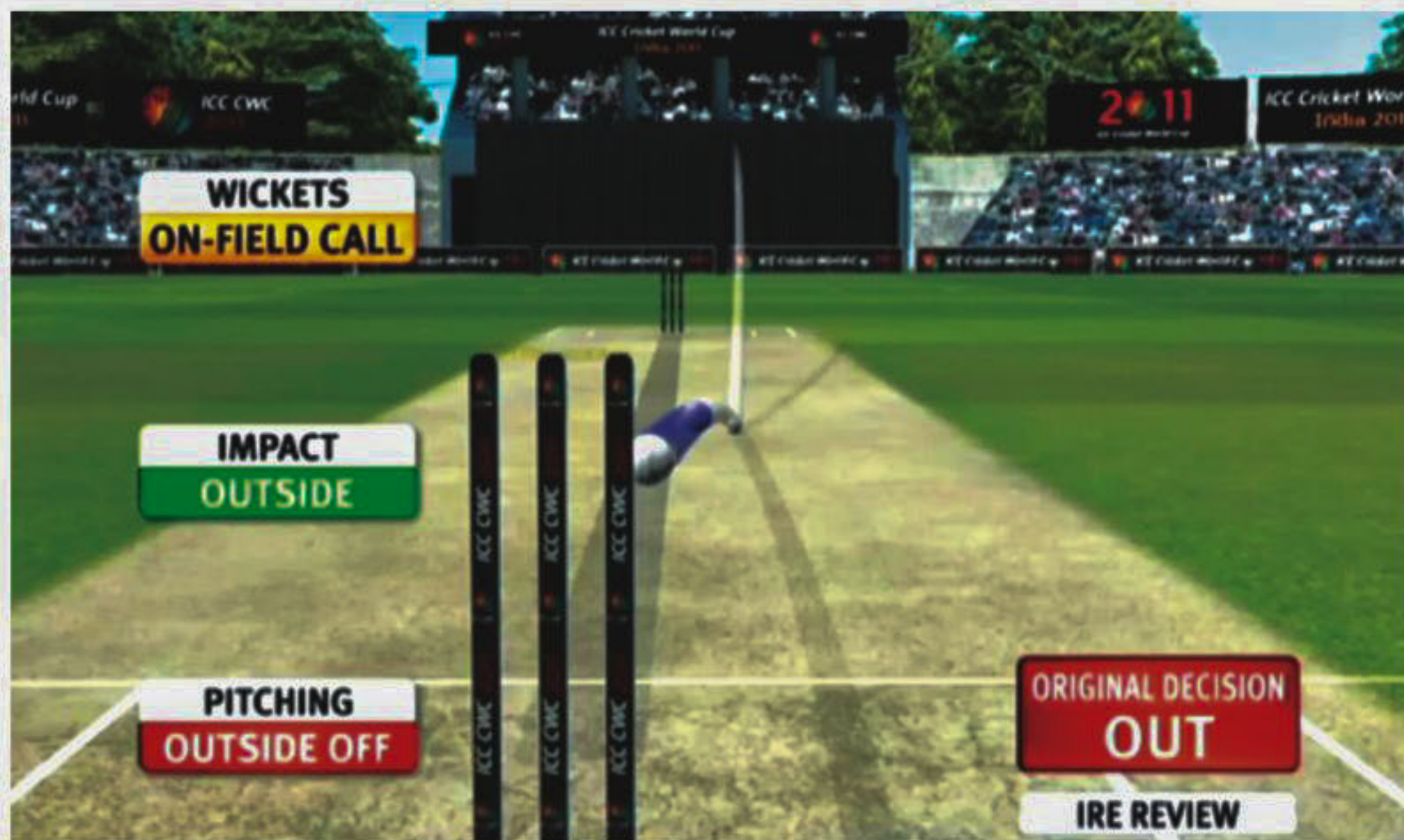
### HOT SPOT

**First Used:** 2006 Ashes at The Gabba

**Developed By:** BBG Sports, Australia

**How it Works:** Hotspot uses two infra-red cameras. They are positioned at either end of the ground. These cameras sense and measure heat from friction, generated by a collision. The collision could be of ball on pad, bat, ground or glove.

**Cost: Per day Tk.10 Lacs for the four specialized cameras (Appx.)**



### HAWKEYE

**First Used:** 2001 Ashes by Channel 4 during its cricket broadcasting

**Developed By:** Hawkeye Innovation

**How it works:** This technology visually tracks the trajectory of the ball. Hence it is used to review a LBW decision. Six or more computer-linked television cameras situated around the cricket ground are used to generate the trajectory of the ball.

**Cost: Overall set up cost starts from Tk. 2.2 Crore (Appx.)**

### LED STUMPS

**First Used:** 2013 Big Bash

**Tournament in:** Australia

**Developed By:** Zing Internationals

**How it Works:** The LED stumps have microprocessor attached to it. These microprocessors can detect the tiniest change in the gyro in a fraction of seconds. Whenever it detects the slightest movement, the LED circuits get powered up by the battery installed.

**Cost: Per set of stumps Tk. 32 Lacs and per piece bails Tk. 60,000/- (Appx.)**



\* ALL THE PRICES ARE ESTIMATES. ACTUAL COST MIGHT VARY DEPENDING ON USAGE, QUALITY AND DURATION.

## a2i to assist Maldives Govt. to build Digital Rural Centres

Last month, a memorandum was signed between Access to Information (a2i) of the Prime Minister's Office (PMO) and National Centre for Information Technology (NCIT) of Maldives government, aiming to build digital Maldives in style of the concept of 'Digital Bangladesh'. Deputy Minister for Home Affairs of Maldives government Ahmed Adim and Project Director of the a2i Kabir Bin Anwar signed the MoU on behalf their respective organizations. Later, Deputy Minister Ahmed Adim talked with The Daily Star to talk about of his trip and the MoU.

**What was your experience in Bangladesh?**

I would like to appreciate firstly the Prime Minister of Bangladesh for her vision 2021 of a Digital Bangladesh. We also have plans to make our country digital. Well, I have to say my experience was really delighting. I have been here for only a few days and I got the chance to visit some of the rural digital centres in Bangladesh. There I got to know how common rural people are availing crucial govt. services. I got to learn that more than 50+ services are available currently via these

centers which is simply amazing. Talking with the people, I got to know how they are saving their time and money by availing the services in their locality. In addition to that, people running the digital centres are making money by serving their community. Thanks to the minimal charging, more or less everyone can currently afford the services.

The other place that we visited was a Multimedia School. Talking to the students, I got to know how the new approach has improved the students learning ability. The

content is now richer; it now comes with pictures or relevant videos. These are some of the experience I am taking with me.

**Which one would you be implementing immediately?**

One thing that I am going to implement immediately is the attendance system for schools. Whenever a student enters the school, they have to digitally register. So if the student skips school, an SMS will be sent to the parents. This entire system is really impressive and this is something we can implement immediately.

**What expertise is the Access to Information (a2i) is lending to the government of Maldives?**

Well, the a2i will provide its assistance to the Maldives government to set up digital centres and multimedia classrooms at education institutions, to develop hajj management system, custom clearance process as well as to turn the existing government services into e-services.

INTERVIEWED BY  
SHAHIAR RAHMAN

## KASPERSKY SECURITY UPDATE

# Superfish

## Adware Preinstalled on Lenovo Laptops

On February 19th of 2015, it became known that Lenovo's laptops had been shipped with an adware called Superfish preinstalled. There are two major problems with this issue.

The first one, being that the hardware maker had been shipping consumer laptops with an adware preinstalled for several months — starting in September 2014 up until February 2015.

Another problem is related to how Superfish behaves. Its ability to produce self-signed certificates possibly allows a malicious third person to intercept SSL/TLS connections or, to put it simply, web

browser sessions to "https" links.

**Remedy:**

Users of Lenovo laptops with Superfish are strongly encouraged to delete both a software named "Superfish Inc. Visual Discovery" (from Windows Control Panel) and Superfish's certificate (from the list of Trusted Root Certification Authorities).

Kaspersky products can help you identify if your laptop is affected. It can detect the adware as Not-a-virus:AdWare.Win32.Superfish.b.

Lenovo is also offering the Automatic Removal Tool for Superfish in their Security Advisory



**KASPERSKY** LAB **THINK SECURITY**

### JUST IN

#### Logitech M280 Wireless Mouse



Logitech wireless Mouse M280 is now available in the Bangladeshi market. Its rubber grip will give users extra comfort in handling the mouse. With Logitech Advanced Optical Tracking technology, 3 button and single wheel users can smoothly operate this Mouse from around 80 feet distance and end precise tracking ultra-precision and responsiveness. Its resolution is 1000 dpi. This Mouse comes with Nano receiver and 18 month battery life.  
**Price: Tk. 1,500/- with 1 year warranty.**

#### Dell 7447 Gaming Laptop

Dell has introduced 7447 laptop for the Gamers in the local market. With 14 inch wide Anti-Glare screen it protects users from against reflection. It has 2 built-in Subwoofer with Waves MaxxAudio. This fourth Gen laptop comes with GHz speed i5-4210H processor (3.5 speed) and 4GB DDR3 NVIDIA(R) GeForce Graphics which can upgrade to 16GB that gives imaginary experience to the gamer. Its data capacity is 500GB. It also has a Web Cam, USB 2.0 & USB 3.0, HDMI, Bluetooth 4.0 and Security Lock.

**Price: Tk. 74,200/- with Dell Original Carry Case**

#### HP 240 G3 Laptop in Bangladesh

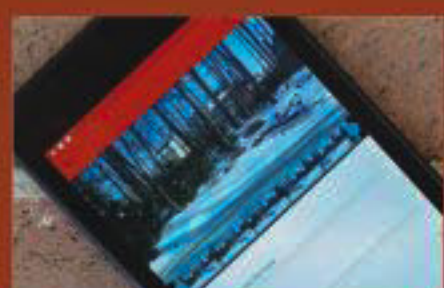
HP 240 G3 is a value-segment laptop and comes in a 14-inch form factor. It has an elegant design and comes with a chiclet keyboard without a dedicated number pad section. The touchpad comes with Windows 8 gesture support. It houses an Intel i3 processor paired with 4GB of DDR3 RAM. There is a provision for one USB 3.0 drive, an HDMI out and a dedicated DVD drive.

**Price: Tk. 35,500/- plus 1 year warranty**



### TECH BITS

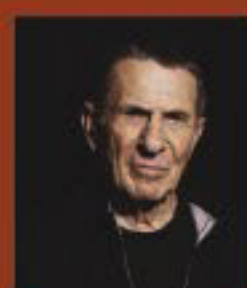
YouTube's new video trimming tool makes mobile edits a breeze



Lenovo strips some of the unwanted software from its PCs



'Star Trek' star Leonard Nimoy passes away at 83



Chinese internet giants purge 60,000 accounts for inappropriate usernames



Disney is retelling the 'Star Wars' film saga with Legos

