

# **CONOSCENZA**

**06**

**NOKIA N900**

**:A MOBILE (R)EVOLUTION**

LATEST UPDATES

**12**

**INTEL CORE™**

**:I7-980X EXTREME EDITION**

HARDWARE

**13**

**CALL OF DUTY®**

**:BLACK OPS**

REVIEW



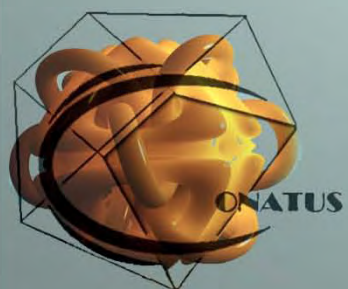


CONOSCENZA 10th edition



**ONATUS**

**...the technical horizon**



**CONATUS  
THE CS-IT SOCIETY  
AKGEC**

**AJAY KUMAR GARG  
ENGINEERING COLLEGE  
GHAZIABAD**



**OUR FEILDS - \*EVENTS \*SEMINARS \*WORKSHOPS \*BROWSER \*MAGAZINE \*STUDENT DEVELOPMENT PROGRAMMES**



# FEB 2011 CONCORDANCE

VOLUME 10

## QUICK NAVIGATOR

04 OPERATING  
SYSTEM

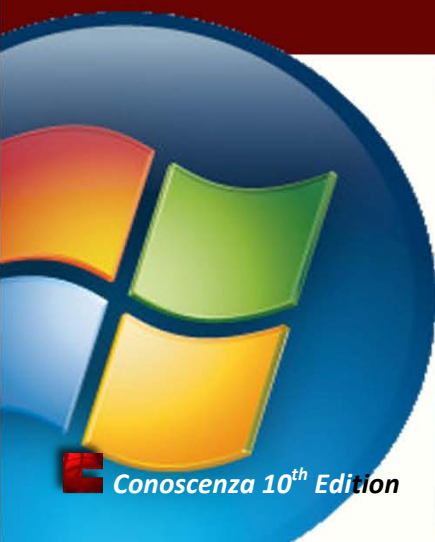
06 LATEST  
UPDATES

12 HARDWARE

13 GAMES

14 DVD  
RELEASE

16 READER'S  
DEMAND



# LIST OF CONTENTS



## **INSIDE STORY:**

***OPERATING SYSTEM*** ...4

## **LATEST UPDATES:**

***NOKIA N900*** ...6

***GOOGLE URL SHORTNER*** ...10

***SIXTH SENSE*** ...11

## **HARDWARE:**

***i7 EXTREME*** ...12



## **GAMES:**

***CALL OF DUTY: BLACK OPS*** ...13

## **DVD RELEASE:**

***SHUTTER ISLAND*** ...14

## **READER'S DEMAND:**

***PRINTING MONEY*** ...16



## **EDITOR IN CHIEF**

PRANAV KUMAR  
(CSE-IV<sup>TH</sup> YEAR)

## **EDITOR**

PRABHAT MISHRA  
(CSE-III<sup>RD</sup> YEAR)

SACHI JAIN  
(CSE-III<sup>RD</sup> YEAR)

## **TEXT EDITOR**

CHAKSHU AGARWAL  
(CSE-II<sup>ND</sup> YEAR)

RISHI RAJ  
(IT-II<sup>ND</sup> YEAR)

## **ART AND DESIGN**

ASHUTOSH  
(IT-II<sup>ND</sup> YEAR)

ESHU GUPTA  
(IT-II<sup>ND</sup> YEAR)

PRANEET ASTHANA  
(CSE-II<sup>ND</sup> YEAR)



# EDITORIAL

Conatus, the technical society of Ajay Kumar Garg Engineering College has always been engaged in exploring the field of Computer Science and Information Technology, increasing the awareness among students and opening their new vistas of knowledge.

In order to maintain the continuum, TEAM CONATUS takes immense pride in launching the 10<sup>th</sup> edition of Conoscenza... the tech torrent that addresses the applied and theoretical issues of the technical field.

The tenth edition contains articles overloaded with information like 'OS working', 'SIXTH SENSE Technology', hardware and gadget updates such as 'Core i7 extreme 980x', 'NOKIA n900', recently launched games like 'Call Of Duty:Black Ops', DVD reviews...

With this edition we also introduce tips on easy money making – 'MINTING MONEY', interactive and easy to try out.

Your suggestion and recommendation towards creation and increasing the spontaneity of Conoscenza are most welcome. You can contact us at -

[conatus.akgec@gmail.com](mailto:conatus.akgec@gmail.com)

Further, if you have something good to contribute to CONOSCENZA, you may mail your articles, tips, cartoons or any other creations to -

[article.conatus@gmail.com](mailto:article.conatus@gmail.com)

TEAM CONATUS

<http://conatus.in>

# OPERATING SYSTEM – THE STORY WITHIN

By- **RISHI RAJ & UDAYADITYA DWIVEDI**

When you turn on your computer, it's nice to think that you're in control. There's the trusty computer mouse, which you can move anywhere on the screen, summoning up your music library or internet browser at the slightest whim. Although it's easy to feel like a director in front of your desktop or laptop, there's a lot going on inside, and the real man behind the curtain handling the necessary tasks is the operating system. The operating system (OS) is the first thing loaded onto the computer - without the operating system, a computer is useless. If you like to tinker with electronic devices, you're probably pleased that operating systems can now be found on many of the devices we use every day, from cell phones to wireless access points.

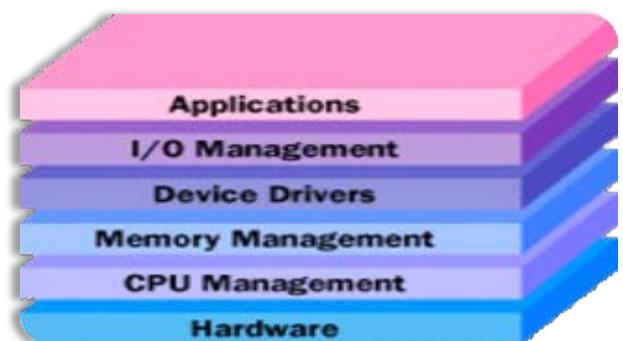
The purpose of an operating system is to organize and control hardware and software, so that the device it lives in, behaves in a flexible but predictable way. Operating systems are made out of portable code rather than permanent physical circuits so they can be changed and modified without having to scrap the whole device

At the simplest level, an operating system does two things:

1. It manages the hardware and software resources of the system.
2. It provides a stable, consistent way for applications to deal with the hardware without having to know all the details of the hardware.

The first task, managing the hardware and software resources, as various programs and input methods compete for the attention of the

**Central processing unit (CPU)** and demand memory, storage and input/output (I/O) bandwidth. Operating system makes sure that each application gets the necessary resources while playing nicely with all the other applications, as well as husbanding the limited capacity of the system to the greatest good of all the users and applications.

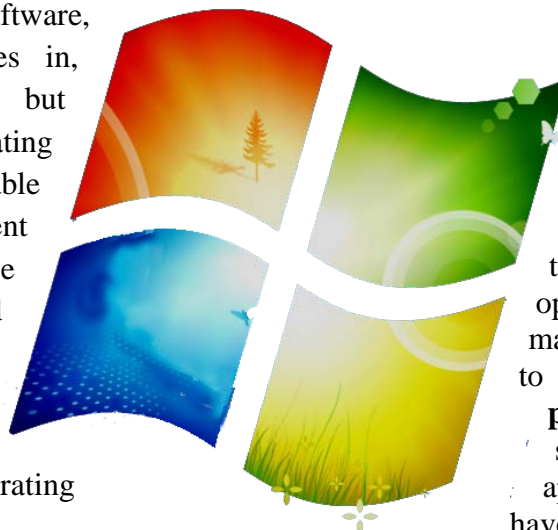


## FUNCTIONS OF OS

The second task, providing a consistent application interface, is especially important if there is to be more than one of a particular type of computer using the operating system, or if the hardware making up the computer is ever open to change. A consistent **application program interface (API)** allows a software developer to write an application on one computer and have a high level of confidence that it will run on another computer of the same type, even if the amount of memory or the quantity of storage is different on the two machines.

Within the broad family of operating systems, there are generally four types, categorized on the types of computers they control and the sort of applications they support:

- **Real-time operating system (RTOS):** Real-time operating systems are used to control machinery, scientific instruments and industrial systems. A very important part of an RTOS is managing the resources





of the computer so that a particular operation executes in precisely the same amount of time, every time it occurs.

- *Single-user, single task* - This operating system is designed to manage the computer so that one user can effectively do one thing at a time. The Palm OS for Palm handheld computers is a good example of a modern single-user, single-task operating system.
- *Single-user, multi-tasking* - This is the type of operating system most people use on their desktop and laptop computers today. Microsoft's Windows and Apple's MacOS platforms are both examples of operating systems that will let a single user have several programs in operation at the same time.
- *Multi-user* - A multi-user operating system allows many different users to take advantage of the computer's resources simultaneously. UNIX, VMS and mainframe operating systems, such as MVS, are examples of multi-user operating systems.



the computer activates the hard disk drive, it finds the first piece of the operating system- **The Bootstrap Loader**.

The bootstrap loader is a small program that has a single function. It loads the operating system into memory and allows it to begin operation. In the most basic form, the bootstrap loader sets up the small driver programs that interface with and control the various hardware subsystems of the computer. It sets up the divisions of memory that hold the operating system. It establishes the data structures that will hold the myriad signals, flags and semaphores that are used to communicate within and between the subsystems and applications of the computer. Then it turns control of the computer over to the operating system.

The operating system's tasks, in the most general sense, fall into six categories:

- *Processor Management*
- *Memory Management*
- *Device Management*
- *Storage Management*
- *Application Interface*
- *User Interface*



**Mac OS X Panther screen shot**

When we turn on a computer, the first program that runs is usually a set of instructions kept in the computer's read-only memory (ROM). The **power-on self-test** (POST) checks the CPU, memory, and basic input-output systems (BIOS) for errors. Once the POST is successfully completed, the software loaded in ROM (BIOS) will begin to activate the computer's disk drives. In most computers, when

**Linux** refers to the family of Unix-like computer operating system. The development of Linux is one of the most prominent examples of free and open source software collaboration. Linux is the leading server OS, accounting for more than 50% of installations.

**Mac OS** is the trademark-protected name for a series of graphical user interface-based operating systems developed by Apple Inc. The Macintosh user experience is credited with popularizing the graphical user interface.

**Microsoft Windows** is a series of operating systems and graphical user interface produced by Microsoft. The most recent client version of Windows is Windows 7, the most recent mobile OS version is Windows Phone 7.



## The Nokia N900: A mobile (r) evolution?

By- **ESHU GUPTA**

When Nokia launched their series of internet tablets back in November 2005, little did they know how it would shake (and eventually shape) the market just four years later. In the early days of the Maemo operating system, which powered the very first “experiment” - Nokia 770, things weren’t as “hot” as one could hope. Maemo was a new platform and a completely new approach from Nokia, which didn’t receive that much attention and was considered more of a side project to the mobile Symbian, thus more impressing “geeks”, rather than the common callers. But, as time passed by, the platform evolved with each new tablet released (N800, N810) and more and more people started paying attention to what the giant company had up its sleeves. Then it happened, the fresh N900 was introduced at Nokia World last September and the media went simply wild since then Nokia literally underestimated the power and potential of their new toy and it took them a few

days to shake off the entire buzz the device generated online. It became the most pre-ordered device on Amazon worldwide for some time.

People, who earlier bought Nokia’s flagship phone, the N97, felt betrayed and regretted it. Others celebrated, even though the retail shipment of the N900 was postponed a few times due to firmware tweaks and because Nokia was literally out of stock. Nokia simply didn’t want the device to end up being a letdown and getting low ratings in reviews, they knew if they wanted to remain a strong player on the market that the N900 had to be a success, especially since the reception of the N97 wasn’t very warm at all, it being more of a disappointment. People wanted something unseen, something with top notch parameters that would blow their mind, yet actually be usable and work.

Has Nokia managed to maintain the attributes and heritage of the previous tablets and expand them to meet the requirements of today’s customers?





The design of the device is pretty simple. Some people refer to it as a “brick”, but its curved slick edges say otherwise. Sure, the device isn’t the smallest (11cm x 6cm x 1,8cm) and the approach isn’t very original, but when you try it and hold it in your hands, you’ll immediately notice it is actually much smaller than it looks on photos and quite frankly, excuse me if I use the

word “sexy”. It’s entirely painted in black, pitch black to be exact. That very well may be the reason why it feels so small. Despite that, it has a large 9cm (3.5 inches) touch screen which sparkles basically the whole front of the device.

Now, you may ask: “*Wait, so it doesn’t have any buttons?*” My reply would be: “*Guess again!*” Inside (or rather underneath?) lies a 3-row full QWERTY keyboard and the best part is, it slides out, yup! But that’s not all folks, it glows nicely in the dark too so that you will be able to see the letters properly. Imagine how much fun you can have with the N900 already and I haven’t even started yet! But humour aside. Apart from that, the front of the device also has several sensors, one of them being the proximity sensor which deactivates the display when the device is brought near the face during a call. Another useful feature is the miniature flashing diode which indicates what’s going on with the unit. Orange light – charging, green light – fully charged, blue light – incoming (unread) message or missed call, white light – booting up/working. It’s simple, but synoptic. The last thing located on the front panel is a small camera (0.3MP – 640x480), which can be

used for video calls, but is currently disabled. Along the sides of the device you will find a MicroUSB 2.0 connector, an IR port (transceiver), a 3.5mm jack used both for headphones and TV-Out (PAL/NTSC), stereo speakers, the power button, camera shutter button, button for volume and zoom control and last, but not least, a long accurate stylus, which is smartly inserted into the body of the device. On the back we have the main 5MP camera with a Carl Zeiss lens and a useful kickstand which will proof comfortable if you want to, for example, watch a movie or browse the web.

The construction of the device as a whole feels very solid unlike many other phones, no creaking parts. Only possible downside could be for some people the weight – 181g is noticeable, especially in the pocket. You might miss a bus or two if you try to run. Should we blame the keyboard? Obviously without it the unit would weigh less, on the other hand you would be stuck typing only on the touch screen.







CODE RARI

BRAIN TORRENT



SEMINARS



TGMC 2009 Winners and Felicitation



DREAMSPARK





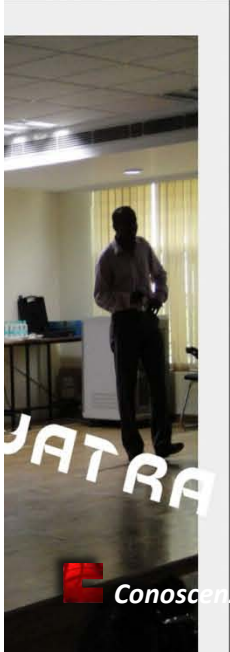
# the technical horizon



EON A

KRAZZY MON

## EVENTS





# Google url shortener

By- **ESHU GUPTA**

Back in December of 2009, Mountain View, California-based Google launched Goo.gl — its very own URL shortener. Unfortunately, Goo.gl was only accessible through the Google Toolbar and Feed Burner at the time. During the past few months, Google has integrated the URL shortener into several other services such as News, Blogger, Maps, Picasa Web Albums, and Moderator.

However, the search giant announced today on the Google Social Web Blog that the Goo.gl is today getting its own website, where users can directly access and utilize the product at any time. The Google URL Shortener is located at, well, <http://goo.gl/>. The company indicates that the Google URL Shortener will be simply and not overloaded with features. That is not to say that the service will be bad. Thus far, Goo.gl has proven to be the “stablest, most secure, and fastest URL shortener on the web.” Google plans to keep it that way.

According to Google Software Engineer Muthu Muthusrinivasan, the Google URL Shortener will provide the following three features:

**Speed:** We’ve more than doubled our speed in just over nine months.

**Stability:** We’ve had near 100% uptime since our initial launch, and we’ve worked behind the scenes to make goo.gl even stabler and more robust.

**Security:** We’ve added automatic spam detection based on the same type of filtering technology we use in Gmail.

In addition, Google will provide more benefits to users who sign in with a Google Account. For instance, the service will keep a history of shortened URLs. Also, by clicking on ‘Details’ users will be able to get “public, real-time analytics data complete with traffic over time, top referrers, and visitor profiles.”

Although a Goo.gl API is not yet available, Google vows to release one in the future that will allow anyone to “shorten URLs, expand URLs, and view analytics” directly from within applications. The company states that there are already a few Goo.gl extensions for both Google Chrome and Firefox.



## IF'S AND BUT'S

He can donate US\$15 to everyone on earth but still be left with US \$5 Million for his pocket money.  
If Microsoft Windows' users can claim US\$1 for every time their computers hang because of Microsoft Windows, Bill Gates will be bankrupt in 3 days!



# SIXTH SENSE

By - **PRATHAM SRIVASTAVA**

'Sixth Sense' is a wearable gestural interface developed by Pranav Mistry, an Indian PhD student in the Fluid Interfaces Group at the MIT Media Lab, which augments the physical world around us with digital information and lets us use natural hand gestures to interact with that information.

When we encounter something, someone or some place, we use our five natural senses to perceive

information about it; that information helps us make decisions and choose the right actions to take. Sixth Sense bridges this gap, bringing intangible, digital

information out into the tangible world, and allowing us to interact with this information via natural hand gestures. 'Sixth Sense' frees information from its confines by seamlessly integrating it with reality, and thus making the entire world your computer

## CONSTRUCTION

The Sixth Sense prototype is comprised of a pocket projector, a mirror and a camera. The hardware components are coupled in a pendant like mobile wearable device. Both the projector and the camera are connected to the mobile computing device in the user's pocket. The projector projects visual information enabling surfaces, walls and physical objects around

us to be used as interfaces; while the camera

recognizes and tracks user's hand gestures and physical objects using computer-vision based techniques. The software program processes the video stream data captured by the camera and tracks the locations of the colored markers (visual tracking fiducials) at the tip of the user's fingers using simple computer-vision techniques. The movements and arrangements of these fiducials are interpreted into gestures that act as interaction instructions for the projected application interfaces. The maximum number of tracked fingers is only constrained by the number of unique fiducials, thus SixthSense also supports multi-touch and multi-user interaction.

## APPLICATIONS

- The SixthSense prototype implements several applications that demonstrate the usefulness, viability and flexibility of the system.
- The drawing application lets the user draw on any surface by tracking the fingertip movements of the user's index finger.
- A newspaper can show live video news or dynamic information can be provided on a regular piece of paper.





# INTEL® CORE™ i7-980X PROCESSOR EXTREME EDITION

By- ESHU GUPTA

## Product Overview

Outperform, overwhelm, and overthrow your competition with the new Intel® Core™ i7 processor Extreme Edition, featuring Intel's first 32nm processor with 12 computing threads. The Intel Core i7 processor Extreme Edition delivers incredible breakthroughs in gaming and multitasking performance.

## Wield the Ultimate Gaming Weapon

The Intel Core i7 processor Extreme Edition can not only take on today's most complex and immersive games, but it's also powerful enough to handle tomorrow's gaming advances. Experience smoother and more realistic gaming made possible by distributing AI, physics, and rendering across six cores and 12 threads, bringing 3D gaming to life for the ultimate desktop experience.



## Breakaway Performance for Digital Media Creation

Take digital content creation to a whole new level and enjoy faster video transcoding and image rendering, plus incredible performance for photo retouching and photo editing. Whether you're a serious multitasking or a multimedia enthusiast, performance matters. So why limit yourself? Unlock your full potential with Intel's top-of-the-line family of processors and experience total creative freedom that's limited only by your imagination.

## Gear Up for Extreme Processing Power

You'll get maximum PC power for whatever you do, thanks to the combination of intelligent features such as Intel® Turbo Boost Technology and Intel® Hyper-Threading Technology, which together activate full processing power exactly where and when you need it. The Intel Core i7 processor Extreme Edition, combined with Intel® X58 Express chipset-based motherboards, offers unprecedented bandwidth and memory performance, including an integrated memory controller with three channels of DDR3, two DIMMs per channel, and up to 25.6 GB/s bandwidth at 1066 MHz.

Features and Benefits of the Intel® Core® i7 Processor Extreme Edition	
Feature	Benefit
Six-Core Processing	Provides six complete execution cores in a single processor package, delivering 12 computing threads to help operating systems and applications deliver additional performance, so users can experience better multitasking and multi-threaded performance across many types of applications and workloads.
Intel® Hyper-Threading Technology <sup>2</sup>	Delivers two processing threads per physical core for a total of 12 threads for massive computational throughput, allowing highly threaded applications to get more work done faster.
Intel® Turbo Boost Technology <sup>1</sup>	Dynamically increases the processor's frequency as needed by taking advantage of thermal and power headroom when operating below specified limits. Get more performance automatically, when you need it the most.
Intel® Smart Cache	This large last-level cache enables dynamic and efficient allocation of shared cache to all six cores to match the needs of various applications for ultra-efficient data storage and manipulation.
Intel® QuickPath Interconnect	Intel's latest system interconnect design increases bandwidth, and lowers latency, while achieving data transfer speeds as high as 25.6 GB/s.
Integrated Memory Controller	An integrated memory controller with three channels of DDR3 1066 MHz offers memory performance up to 25.6 GB/s. Combined with the processor's efficient prefetching algorithms, this memory controller's lower latency and higher memory bandwidth.

Intel® Core® i7 Processor Comparison			
	INTEL® CORE® i7-980X PROCESSOR EXTREME EDITION	INTEL® CORE® i7-975 PROCESSOR EXTREME EDITION	INTEL® CORE® i7-870 PROCESSOR
Number of Processor Cores	6	4	4
Number of Simultaneous Threads with Intel® Hyper-Threading Technology <sup>2</sup>	12	8	8
Intel® Smart Cache	12 MB	8 MB	8 MB
Processor Base Frequency	3.33 GHz	3.33 GHz	2.93 GHz
Integrated Memory Controller	Yes	Yes	Yes
Intel® Turbo Boost Technology <sup>1</sup>	Yes	Yes	Yes
Number of DDR3 Memory Channels	3	Yes	Yes
Intel® Express Chipset	X58	3	2
Overclocking Enabled <sup>3</sup>	Yes	Yes	No



## GAME SCORE (9/10)

# CALL of DUTY BLACK OPS

PUBLISHER : ACTIVISION

GENRE : FIRST-PERSON SHOOTER


UPS : IMMENSE USE OF 3D,  
PERSONALIZATION OF  
APPEARANCE.

PLATFORMS : WINDOWS, XBOX 360, PS3, Wii



**IMPRESSIVE USE  
OF 3D- TECH-  
NOLOGY IN  
DEPTH OF FIELD,  
SCOPED ZOOMS,  
ETC.**

Looks like all Call of Duty fans out there are getting their noses over this new installment in the famous game series. The 7th game will be entitled Call of Duty series: Black Ops. Black Ops was officially announced last April 30, 2010 and a full trailer of it was first shown on May 18, 2010. The upcoming 2010 first-person shooter video game will be released on November 9, 2010, following the Call of Duty Christmas day release tradition.




The developer of the said game is Treyarch and is published by Activision. Black Ops is said to be the most intense, gripping and exciting game in the Call of Duty franchise. Treyarch said that fans should be expecting improved matchmaking, with enhanced Create-A-Class for added character customization. The company's head, Mark Lamia even said that they are committing all of their 200 staff to work hard on Black Ops.

They had taken creative risks because they want to do something different than what they usually do. On the elite world of Black Ops we will be able to witness the history between World War II and the present day.

The name of the game suggests secret, more of special forces action than frontline fighting. Players will be spending least time fights however the lead character will still be on a secret agenda. The game will be full of missions which will take gamers to Cuba and South America which will also feature Cold War and Vietnam. The Cold War era will feature Vietnam, Frosty Russian Mountains Location underground and everything in between. Players will be given the chance to play as a member of the Special Air Service, a pocket of CIA sanction forces, during a close combat in a mission going to Iranian Embassy back in 1980's.

## HARDWARE PEEK



NVIDIA® 3D Vision™ technology is a combination of Graphics Processor Units (GPU), specialized 3D glasses, software, and certified displays and projectors that deliver an immersive 3D experience on your PC. If you have a Nvidia Geforce 8 series or later graphics GPU installed with the latest drivers all you need is 350/- bucks for buying Nvidia discover 3D vision

kit anaglyphic glasses. If you have deeper pockets then you can go for a fully immeresed 3D experience for a sum of 7000/- by buying the full fledged 3D kit.



nvidia.

3D VISION™



# LEONARDO DiCAPRIO SHUTTER ISLAND

By- ESHU GUPTA



**After** being pulled from its original October release last year, "Shutter Island", a psychological thriller based upon Dennis Lehane's 2003 novel of the same name, finally arrived into theatres February 19' 2010. For a film directed by a big-name director starring an equally big-name actor, it's unusual that Paramount would plop this movie in the middle of February, where studios dump films that have weak prospects at the box office and will surely get ripped apart by critics. This begs the question whether the film is

terrible. In fact, there's nothing seriously wrong with "Shutter Island", other than the fact that this is not awards-worthy material due to its genre. Martin Scorsese has crafted a taut thriller with high production values and fine performances but much of the suspense is taken away due to the reality that most people will see the film's twist coming by the end of the first hour.

In 1954, U.S. Federal Marshall Teddy Daniels (Leonardo DiCaprio) and his new partner, Chuck Aule (Mark Ruffalo) arrive on Shutter Island, located on an island in Massachusetts surrounded by jagged rocks. Shutter Island is home to Ashecliffe Hospital, an asylum for the criminally insane run by a Dr. John Cawley (Ben Kingsley). A patient named Rachel Solando (Emily Mortimer) has mysteriously escaped from her cell and seems to have 'evaporated straight through the walls'. Teddy runs into a brick wall when Cawley and the hospital's top physician, Jeremiah Naering (Max von Sydow) refuse to hand over the staff's personal records, arousing his suspicion that something sinister is going on at Ashecliffe. As his investigation continues, Teddy begins to suffer nightmares involving his deceased wife and becomes obsessed with finding the truth of Shutter Island.

Right from the first minute, we know that something is off thanks to a creepy horn-blaring score. "Shutter Island" feels like something you'd read about in a 1950's pulp magazine and adheres closely to Gothic clichés complete with a gloomy fortress-turned-mental hospital and dark skies, set on an island with an imminent hurricane to prevent anyone from escaping. The first half is strong as we're left wondering what is or isn't real but as the clues begin piling up, you'll soon get a hunch on where the film is heading and spend the next hour to see yourself proven right. Teddy suffers from many demons as we learn through flashbacks and many of them are heavy on symbolism that feeds into the final act. His wife, Dolores Chanal (Michelle Williams), who died in a fire, continuously haunts him, along with a little girl who accuses Teddy of being unable to save them. However, Teddy's tragedies don't often resonate emotionally because we're always kept at arm's length, trying to figure out the significance of these flashbacks. We know what he is going through but we never empathize with his situation. "Shutter Island" also suffers from some pacing issues as some may find it too slow and grow frustrated with its





numerous red-herrings. The truth about Ashecliffe and Teddy is also dumped into a heavy exposition scene

Where everything is neatly explained and laid out. While the film's plot may not be particularly strong, it benefits from Scorsese's confident direction and top-notch production values. The mental hospital is built from an old Civil War fort, overlooking ominously over the other buildings and concealing the horrors that lie within. There are dark hallways with dimming lights, complete with violent inmates with mutilated bodies. The minimalist score helps ratchet up the tension when Teddy's already fragile mind begins to fall apart. Many of the flashbacks feature some strong visuals with people melting into a pile of ashes or emaciated piles of bodies frozen in a Nazi concentration camp. Papers flutter slowly in the air when Teddy arrives to liberate Dachau during World War II and encounters a Nazi officer who tried to commit suicide, blowing out his jaw. Every effort has been made to create an atmosphere of uncertainty.

Leonardo DiCaprio turns in a strong performance in his fourth outing with Scorsese. In the beginning we learn that his character has been through a lot and has molded him into the man he is today but slowly, the cracks begin to appear as he descends toward madness. The supporting cast is no less impressive. Ben Kingsley is the asylum's administrator and though his character is a cliché, his mannerisms always present a slight air of menace, particularly when he smiles. Mark Ruffalo doesn't do much but becomes pivotal to the plot once the truth is revealed. The rest of the cast only appear in a handful of scenes but make the most of it, especially Jackie Earle Haley as a

tortured patient and Elias Koteas, whose makeup bears a fearsome-looking scar. I must say, he bears a strong resemblance to Robert De Niro and it was rumoured that he was going to have a cameo in the film but these were proven false.

Released into theatres on February 19, 2010, "Shutter Island" has received mildly positive reviews with 68% on Rotten Tomatoes. Critics praised its 'gleefully unapologetic genre thrills' but find it a minor entry in Scorsese's body of work. Most will point to this film as not being the director's best but even his worst still ends up being quite enjoyable. Since this is the only major release this week, it should have no problem reaching #1 at the weekend box office. Audience attendance was high but I found some didn't really take the film all too seriously. "Shutter Island" is a great-looking film and Scorsese proves once again why he is still one of the most respected directors in Hollywood. Unfortunately, it suffers from being too predictable and adds nothing significant to the thriller genre. Still, it is miles away from other thrillers that employ mind-numbing visuals and confusing camera edits. Enjoy "Shutter Island" for what it is but don't expect anything more.

 "You'll never leave this island."

"Shutter Island" will be available on DVD and Blu-Ray on June 8, 2010.

**Directed by Martin Scorsese**

**Rated R**  
(Disturbing Violent Content, Language and Some Nudity)

**Running Time: 2 Hours & 18 Minutes**

**Cast**

Leonardo DiCaprio	Teddy Daniels
Mark Ruffalo	Chuck Aule
Ben Kingsley	Dr. John Cawley
Max von Sydow	Dr. Jeremiah Naering
Michelle Williams	Dolores Chanal
Emily Mortimer	Rachel Solando
Jackie Earle Haley	George Noyce
Ted Levine	The Warden
John Carroll Lynch	Deputy Warden McPherson
Elias Koteas	Andrew Laeddis

FINAL RATING :



# MINTING MONEY

By- **ABHISHEK AGARWAL**

There are lots of users who want to make money through internet. To make money online there are lots of PTC sites by which you can make real money without getting any scams. Just follow the instructions below:

1. You need to create a new email address that you can have for Spam mails, as you will get lot of spams. If you are signing on any PTC site then put a different mobile number and use that number to pop into fields when completing forms when filling out surveys, or when contact details may be requested.

2. You need to create one paypal or alertpay account (to receive payments from ptc websites). It is Absolutely free and easy to use  
**PAYPAL**- <https://www.paypal.com>  
**ALERTPAY**-<https://www.alertpay.com>  
**NEOBUX** - <http://www.neobux.com>  
**BUX**- <http://www.bux.to>  
**ADBUX**-<http://www.adbux.org>  
**CLIXSENSE** <http://www.clixsense.com>

## What to do now?

1. Daily Clicking of sites that you receive credits for each time you click through to a result.
2. Fill out surveys & sign up for newsletters.
3. Simply referring people to the site.

## Daily Clicking:

Each cashback site has a section called Daily Clicks, or Recurring Clicks – these are sites that listed by the cashback site that will earn you a few pence each time when you click through, so say for arguments sake you click on to a comparison search, click through to a retailer once you've done the comparison, and you will get a credit for it, some sites allow you to do this up to 5 times in one day!

**Completing Surveys:** If you do have the time to spend on the internet, then get filling in some surveys, as they will pay you anything from 50p to £5 depending on which survey you complete, and once completed, they may e-mail you with more to complete, meaning you'll make more money from them. You can also sign up for newsletters and earn money that way too, this is really easy, and there are a large number of these on the sites that will earn you really easy money.

## Referring site to people:

Refer your site to people by publishing the site link and use **autosurf.com** for better chances.



# The Forgotten Abode

Starlight glimmers the lusty waters,  
Where lyre plays the silent notes,  
The silver circle narrates,  
The martyrdom of friends and foes

There with a stealthy pace,  
My heart finds scratches of memory,  
Paed are they but on an olden face,  
Hid in the pages of a profane story.

The mimics of the time suggests,  
Legends of once lived creatures,  
Whose lives went on pranks and quests,  
Not balancing over dream-weavers.

Framed in immemorial shrines,  
Where parakeets and none do visit,  
Who turned glory to dark ends,  
Their fire burning in funerals fit.

Yet, the living-dead's remembrance,  
Talked among the nature's bliss,  
Bound by the eternal relation,  
Broken not even by the heartiest wish.

Not only to the dead, but to the living,  
Is offered the undying love,  
As mother's duly favor to child,  
Won't hide in the deepest hub.

So why don't mix the dark and pure,  
As light and dark when mix,  
Do not down the brightness,  
But removes the marginal nicks!

Humanity, then I do feel,  
Bears a favor to return,  
"Crave out of caverns unduly,  
And love her in the shine of the sun."







#### DOWN

1. SEPERATE A NETWORK FROM THE INTERNET
2. PICTURE ELEMENT
3. AN ADVERTISING WINDOW IN A BROWSER
4. LAN SWITCHING OR 'GATEWAY'
5. COLOUR IMAGES COMPRESSION TECHNIQUE
6. WIRELESS TRANSMISSION TECHNOLOGY SINCE WORLD WAR II

#### ACROSS

7. LOCATE AND CORRECT
8. MACROMEDIA ANIMATION
9. EAT, SLEEP, LIVE COMPUTER
10. WEB DOCUMENTS
11. COVERTLY GATHERS USER INFO THROUGH INTERNET
12. TEXT BASED FACES AND OBJECTS

**SOLVE THE CROSSWORD AND SEND THE ANSWERS TO [conatus.akgec@gmail.com](mailto:conatus.akgec@gmail.com).  
LUCKY WINNERS WILL BE REWARDED.**



conoscenza 10th edition