NBN Internet Ideas for You - Checklist

Create your own list of how you could use the NBN to your advantage

Note topics of interest to you

NBN Idea and topic link	NBN idea benefits
General Benefits	
How you can save money on communications	NBN can combine telephony and Internet access for the one cost. Real high speed Internet is cheaper than alternatives.
Time saving and productivity improvement	Less waiting for remote information. Tasks can be completed quicker. Decisions can be made quicker.
Email reading productivity improvement	Improve the loading time of emails including the pictures. Linked resources can be accessed quicker. More email users can share the same Internet connection with speed.
Tablet application uses	NBN Internet is more consistant than mobile Internet. Video calls can be made without excess data charges. Over 1 million applications can be accessed at speed.
Video conferencing done well	High definition video conferencing from multiple sites is possible using the NBN. Reduce travel costs for speakers and audience.
YouTube	Allows for multiple video downloading and uploading simultaneously. Video buffering wait times eliminated.
Professional Development	Create education content and consume content with a good student experience. Maintain and develop skills without travelling.
Education massively open online courses	Access to worldwide education resources. Class participants can be grouped together for collaboration. Train on your own timetable.
eCommerce	Fast Internet users can access advanced services like video product demonstrations and online clothes sizing. Online stores can scale up transaction volumes without communication bottlenecks.
eBooks	Hire eBooks from your library. Use ebooks at school to save on costs. Keep the latest book editions dynamically. Learn in depth new topics fast.
Waiting Room Wifi NBN	Keep customers happy with free Wifi networking. Customer productivity can be maintained while waiting. NBN can support large numbers of simultaneous users.
Public Wifi Hotspot	Drive more people to your location. e.g. Coffee shop or motel. Users can have a better Internet experience with a shared NBN connection.
Podcasting	Create/consume video or audio program sequences from worldwide locations. Audiences can subscribe to podcasts and consume them offline. e.g. commuting, exercising etc.
Social Media Monitoring	Track you Internet profile in real time and keep a good online reputation. Monitor your competitors in real time. Answer Internet user enquiries in your field in real time.
3D Printing	Create plastic models with 0.1mm accuracy as required. Use the NBN for design and submitting for 3D printing in seperate locations. Share 3D model files, print spare parts as needed etc.
Remote Backup	Keep a backup of your files in a remote location in almost real time. Virtual computers can be maitained in sync with a NBN connection at 2 sites. No more handling backup tapes.
Google Video	Have a private organisation only YouTube video system. Upload meetings, training, product demonstations, case studies etc. Provide information to a distributed group easily.
Smarter User Friendly Software	Operate with the best software in terms of efficiency on computers, tablets and smartphones. e.g. Digital ordering, digital invoices, online stock tracking, timesheets online etc. Cloud based software works best with fast 2 way communications.
Open Source Software	There are over 300,000 open source software projects online. Some might suit you. Desktop and server software available. Code is available for customising if required.
Data sharing across multiple platforms	NBN can allow for many remote users to access organisation systems on work computers, home computers, laptops, smartphones and laptops. Systems can reside at headquarters or cloud based.
Multicast AV Distribution	Share a single audio or video stream to a worldwide audience. NBN allows for high definition video streaming without glitches.

Security CCTV	CCTV can be used in daytime or night time with remote access to video feeds. Can be linked to alarm system. Helps reduce theft and crime. Video analytics can be used for facial recognition, people counting, traffic flow etc.
Home Benefits	
Shopping Convenience Online	NBN users can access richer shopping experiences such as high definition content, 3D content and interactive shopping. Sell and buy from any location with Internet access.
Home phone alternatives	Provide communication with regular phones, VOIP (Internet based) phones, computer softphones like Skype and mobile device calls over Wifi. NBN allows for multiple calls simultaneously.
IPTV	NBN can support multiple video channels at the same time. View channels from worldside sources. Video can be viewed on computers, tablets or Internet ready televisions.
Video Conferencing from Home	High definition video conferencing is now possible with a NBN connection. Televisions can now include video cameras. Tablets and computers can also be used for multiple sites video conferencing.
Teleworking	Work from home while accessing company systems and company phone system (see VOIP) without any commuting time. Organisations can access skilled people from remote locations.
Home Business Opportunities	Use Internet based resources to run a business from home. Online ordering, cheap telephony, website selling online, sell digital products, digital systems helping with order fulfillment etc. NBN can support even peak time volumes. e.g. before Christmas.
Gaming Server	Fibre NBN can allow up to 4 service provider connections to the same unit. This can allow the quantity of simultaneous players/subscribers to increase greatly.
Business Benefits	
Scale up organisation size	NBN can help with business seasonal and long term growth without hitting communication bottlenecks. e.g. Custom graphics ordering online (big files) before Christmas. More employees can be operating efficiently sharing the same Internet connection.
Global Competition - staying ahead	Track your market keywords, sales, website performance, social media alerts and trends faster. More parameters can be tracked for a given time. Better decisions can be made with the better data.
Competition Research	Track your competitors in terms of web pages, news, social media, keywords, hyperlinks etc. Help design your own business strategies in markets where you can succeed.
Virtual teams across the globe	Create a team with specific skills from around the world. Collaborate at speed with multiple site video conferencing, online project management, instant messaging and VOIP telephony.
Branch office advantages	Save on capital costs by using shared resources for servers, telephony, email etc. Minimal hardware is then required at branch offices. NBN can support more branch offices and more remote staff.
Telecottage / Serviced Offices	A suburban / regional building where multiple people access remote computing to perform their work. Save on inner city building costs. Reduce commuting times and access remote skilled people. One shared office can be used to service multiple remote organisations.
Inventory control	Use real time sales information to influence manufacturing cycles, ordering cycles and shipping needs. Improve shelf turnover and reduce waste. Business to business communication systems are required.
Business Decision Information Flow	Combine diffferent information sources to make better decisions faster. e.g. Customer information, accounting information, business history information, supplier infromation, transport information and government statistics. Some information can be compiled overnight for daily reports.
Paperless Bills and Online Payment	Convert from paper based systems to digital systems for ordering/billing and payments to save fulfillment times and improve payment times. NBN can be used to handle the higher digital workload.
Online Services SAAS	Use advanced online software on a pay per user basis. Only pay for what you use unlike software licences. Useful for organisations that are changing size over time. Remote software require good bidirectional Internet speed like the NBN.
Online Project Management	Provide online project management to unique stakeholder groups based on the project. Share project timelines, documents, tasklists, milestones and notes. Keep everyone up to date.
Cloud Shared Documents	Access documents from any Internet connected device using a browser. Have multiple editors working on the same document simultaneously. Only 1 latest version of a document. Share a document publicly if required with a hyperlink.

Instant Payments - e-Banking, e-Payments	Payments can be made in near real time online. Helps speed up ordering to product delivery time. NBN can help with payment clearances, customer correspondance, packing slip creation, postage labels and freight tracking.
eCommerce Worldwide Wholesale	Source and sell online worldwide at a wholesale level. Internet based technologies are used for customer enquiries, instant messaging, emails, stock display web pages, ordering, payment, freight tracking, goods acceptance and feedback.
Tracking Goods, Vehicles and People	Track the location of vehicles, shipping container and people in real time. Help with freight logistics planning, remote staff job planning and service billing at client location by time. Staff can use online systems to know where the next job location is without having go to the office. Less paperwork.
Big Data Applications	Use different data sources to find new insights. e.g. Customer survey, fault notes, transaction histories, search keywords used on you website, device types used to connect to your website.
Speed up Research and Development R&D	Improve development time using worldwide skills, world time zones, collaboration and virtual teams. NBN can help with the Australian part of global projects.
Business Network Options	To achieve maximum benefit from the fast NBN network requires a Gigabit Ethernet wired network. NBN can provide up to 4 Gigabit Ethernet services. Wireless networking can also extend the wired network coverage.
Business Phone Options	NBN can allow for remote PABX phone system services. One PABX can also service multiple distributed offices. Save on line rental costs, call costs, phone system hardware costs.
Virtual conference with live and recorded events	Create a virtual conference with remote speakers and a remote audience. Online access to presentations can be live or prerecorded. Twitter can be used for social media buzz, feedback and questions in real time.
Run Desktop Computing Tasks with Thin Clients	Use thin client devices with servers in place of desktop computer. Users can be onsite or remote. No more desktop upgrade cycles. Remote offices can also use thin clients. NBN can support 100s of remote thin client sessions.
Outsourcing	Provide business needs using external groups. e.g. Graphic designer, transcribing, web page creation. NBN can help with outsourcing video and audio post production. Gain access to skills not available locally.
Computing Power at Affordable Prices	Use remote virtual computers/servers to help with variable workloads. No capital outlays required. Set up a new remote server in hours. Pay as you go based on processing power, storage and network use.
Remote Computer/Server Access	Using remote virtual or dedicated computer servers can eliminate the need for a local server room/server cooling/server power. NBN can provide the newtwork requirements for 100s of remote users relative to the servers.
Energy Measuring Networks	Monitor and control energy consumption at a local or regional level. Avoid peak electricity surcharges. With the extra data then energy efficiency projects can be implemented and analysed.
Business Resilience	NBN fibre can still operate when under water. Two sites can be kept in data sync for disaster recover with an NBN connection. Business data can be available always.
Disaster Recovery	Business can operate after a disaster if there are real time remote backups. Backups can be in a different city or state if required. Staff can operate from an alternate site and alternate data centre if required.
Email marketing	Online email marketing can allow for newsletters, email training courses, links for more information and social media sharing. Content can be customised based on the reading device. e.g. smartphone, tablet or computer.
Website Benefits	
Service Industry Location Keywords	Create a unique website presence using keywords based on your services, industry and location. This will match how your locals will be using keywords to find your services. e.g. television repair Townsville.
Google Analytics	Monitor your website performance for free. See web page views, visitors, time on web page, search keywords, visitor traffic source etc. See how you online efforts affect your website over time.
Basic SEO	How to make Internet users find your web pages easier. Use web page keywords that your customers use in searches. Tracking many keywords over time is a very heavy Internet based activity.
Basic PPC	Internet based advertising used maily by Google, YouTube and Facebook. Select keywords to target, advertising copy and your destination web page. Track performance and refine strategy in almost real time.
Wiki for Company Worldwide	Wiki - a web site developed collaboratively by a community of users, allowing any user to add and edit content. Content can be provided and read from around the world. Maintain organisations knowledge.

Dynamic Business with IT Feedback	Use the Internet to find new customer needs, trends for keywords over time, phrases used by country and create the service or product solutions. Be early in keyword phrase use online as a web page. Gather feedback from customers to refine products.
Industry Specific Benefits	
Video Hire	Use the Internet for paid video downloading. This can be in the form of a course, video rental or video purchase. NBN provides a quick good viewing experience.
Online Publishing	Create digital creative content for worldwide distribution. This can be in the form of online ebooks, magazines, newsletters or podcasts. Specialist content can be provided from a subscription website. Can be sold cheaper to the customer compared to physical goods.
Online Accounting	Keep booking online to be easily shared by your bookkeeper, accountant, financial planner etc. Link with bank transactions, tax office etc. NBN is good for remote real time data entry.
Radio and Television	Use the NBN speed for real time interviews, video uploading, field report uploading, event outside broadcasting, news broadcasts etc. Provide quality broadcasting from more locations.
Computer shop system set up time reduced	Improve the set up time for a computer include operating system updating,anti virus loading/updating and software loading/updating. Customer get thier computer quicker. Computer users spend less time waiting for updates with NBN.
Selling Online Photos, Illustrations, Video and Audio	Sell online photographs, illustrations, video and audio worldwide using hosted services. Customers can buy online and digital products can be resold repeatedly without any extra effort.
Sell Digital Products	Sell you own custom digital products. e.g. Software, eBooks, audio books, video files, webinars, music MP3 files, spreadsheet macros, diagrams etc. Files can be hosted for a set fee and online payments system included.
Internet Kiosk / Tourism computer kiosk regarding region	Provide Internet access terminals as a paid or free service. Provide a further reason to visit your premesis. All Internet users can have a good experience.
Digital Self Service Custom Ordering	Provide custom ordering using online browser based software editing. Customers can upload content for e.g. picture books, stationary with logos, merchandise with logos, posters etc. Freight can also be calculated in real time based on the order details.
Nursing home health - Home health	Provide more health services without patient transfers. e.g. Video conferencing between patient, nurse, doctor with on screen results sharing. Patient monitoring data can also be stored, transferred and analysed over the NBN.
Remote insurance assessment for car damage	Have a set digital process for car damage insurance assessment without the need for onsite inspection. Claims can be processed faster.
Remote control and monitoring	Use the NBN fibre, wireless, satellite coverage to perform remote monitoring and control of equipment. Solar and batteries can be used in real remote locations. Manage stock water, soil moisture levels, river levels, irrigation, environment monitoring and stock movement etc.
Femtocell	Provide mobile phone coverage outside the carrier coverage maps. Uses a small mobile base station and broadband as the backhaul. Can also be used in large buildings like shopping centres and underground train stations.

More Information

Website	http://www.matthewb.id.au/
Online NBN Checklist	http://www.matthewb.id.au/nbn/nbn-idea-checklist.html
Free NBN eBook	http://www.matthewb.id.au/nbn/you-and-NBN-at-the-next-level-74-ideas-start-now.html
	74 NBN ideas explained. 15 bonus ideas. 87 reading references.
	Includes description, main benefit, advantages, disadvantages, how will NBN change it, links and reading resources.

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http://www.matthewb.id.au/nbn/NBN-CheckList-Table.pdf