



## PressRelease

# NASA partners with Freelancer.com to crowdsource designs for the Astronaut Smartwatch App

SYDNEY, August 12, 2015: NASA's Center of Excellence for Collaborative Innovation (CoECI), through the NASA Tournament Lab (NTL), partnered with Freelancer.com to help design a number of CAD models of tools to be used by the Robonaut 2 (R2). Now, they are raising the stakes by asking freelancers to design the smartwatch app for use on the International Space station in the [NASA Challenge: Astronaut Smartwatch App Interface Design](#) contest.

NASA is interested in the emerging world of smartwatch technology and is looking to create a smartwatch app that could be helpful to astronauts.

NASA is asking freelancers to use the Samsung Gear 2 as a hardware reference for the design, and the deliverables are wireframes highlighting the unique design's navigation, interaction, layout, look, feel, and other important elements of the design.

The Astronaut Smartwatch App will be used for some of the following applications:

1. **Crew Timeline application:** Will display an agenda view of the timeline as well as a way to easily navigate to another day in the past or future.
2. **Caution & Warnings application:** Will display color coded cautions and warnings.
3. **Communication Status application:** Will display whether or not the vehicle is currently able to communicate with the ground through either voice or video.



4. **Timers application:** Will be able to set timers for procedures or until the next activity. This general design should direct attention to the appropriate information for a task and increase efficiency.
5. **Provide appropriate feedback to actions:** Be legible on the smaller Samsung Gear screen - innovative representations of data displayed on a smartwatch are highly encouraged.

These NTL challenge contests are inspiring Freelancer.com's 16 million plus registered users located in over 247 countries, regions, and territories to enter. NASA is also interested in engaging Freelancer's online community going forward in helping to contribute to the efforts of space exploration.

You can see all of NASA's challenges at [www.freelancer.com/contest/challenges/nasa](http://www.freelancer.com/contest/challenges/nasa).

An overview of the NASA Tournament Lab can be viewed [here](#).

#### **About Freelancer®**

**Eight-time** Webby award-winning Freelancer.com is the world's largest freelancing and crowdsourcing marketplace by total number of users and projects posted. 16.2 million registered users have posted 8.2 million projects and contests to date in over 850 areas as diverse as website development, logo design, marketing, copywriting, astrophysics, aerospace engineering and manufacturing. Freelancer Limited is listed on the Australian Securities Exchange under the ticker ASX:FLN.

#### **About NASA Center of Excellence for Collaborative Innovation (CoECI)**

After a highly successful pilot program to determine if the use of crowdsourcing held potential to positively affect NASA's ability to accelerate and augment research and development efforts, the Center of Excellence for Collaborative Innovation (CoECI) was established by NASA in November of 2011 at the request of the White House Office of Science and Technology Policy (OSTP). As NASA continued to mature the use of crowdsourcing as a new tool in its toolkit, OSTP encouraged NASA to assist other federal agencies in the use of crowdsourced challenges to solve tough, mission-critical problems. CoECI continues to provide guidance to NASA and other Agency teams on all aspects of implementing challenge-based initiatives, from problem definition, to incentive



design, to post-submission evaluation of solutions. This end-to-end service has allowed and continues to allow other agencies to rapidly experiment with these new methods before standing up their own capabilities. Since its inception, research into the use of crowdsourcing has been at the heart of NASA's effort, and that research has provided data-driven analysis to validate the value of the tool as well as enabling strategies to support more effective operational implementation.

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