In a 2013 Productivity Commission Research Paper, it highlighted that New Zealanders work about 15% longer than the OECD average to produce about 20% less output per person. Over the last 40 years, New Zealand’s labour productivity has been falling behind other OECD economies. The report concludes by strongly recommending New Zealand companies to have a clear focus on improving productivity.

With an increase in productivity, company profits will increase, and therefore allow them to better support and invest in New Zealand.

The aim of Timekeeper is to target productivity in the workplace with a technological solution. In particular we will be targeting companies whose employees do most of their day to day work on computers. Although computers are a powerful and productive business tool, they can also be distracting to employees. SLIDE CHANGE

There are many distractions available to employees working on computers. These include videos, social media, memes and, desktop entertainment applications. We understand that having some distraction is important for employees, however too much will be detrimental to productivity and the company. SLIDE CHANGE

Our solution will include a system tray application to be installed on employee workstations. This application will be able to determine the current active window over time, and continuously upload that data to the cloud. This allows a supervisor to track trends in worker productivity, such as the amount of time a worker is on productive or unproductive applications, patterns of productive and unproductive application usages, and the times of day that users are most or least productive.

The supervisor sees the data, trends, and statistics via a xamarin cross platform app. On the app they can customise the productivity classification of applications and websites to suit their own company’s work ethic. Additionally supervisors can choose whether or not to assign names to each workstation’s user ID to protect individuals’ privacy. The trends and patterns viewable on the app will help a supervisor to increase productivity in the workplace, such as blocking problem applications or websites, scheduling breaks at unproductive times of the day, or seeing which productivity trends produce the best outcomes. SLIDE CHANGE