



# Navigating the Technology Age

*Digitize the Gap* – Dominic King, Jared Viani

# Project Digitize the Gap - A Quick History

Founded in 2020, Project Digitize the Gap was a direct result of the Coronavirus. The pandemic left millions without connection to their loved ones and neighbors. Because of this, we created DTG to reunite families - over the internet.

In 2022, we expanded the leadership and reach of our company. The website that you see today was created, we expanded to Washington D.C. and Maryland, and we upgraded our resources.

We are a **student-led** nonprofit organization, a passionate group of young individuals looking to expand the reach of technology!

# Dominic King and Jared Viani



## Executive Director

**Dominic J. King** discovered a passion for technology early on in his life, and cultivated this love by learning the language of computers. Dominic is a published cybersecurity researcher and is GFACT certified by the SANS Institute. He now devotes time to bringing technological solutions to the community.



## Director of Technical Services

**Jared C. Viani** has always loved technology. He built his first computer at age 12, and the next year, configured microcontrollers to create a homemade radar system. He now regularly competes alongside Dominic in cybersecurity competitions. Jared joined DTG in early 2022, and has been an invaluable member ever since.

# I: Fundamentals

## Foundations of the Internet

Internet Protocol was developed as the universal standard for data sharing across networks, and its implementation established the modern internet.

The internet is not one entity. It is an interconnected web of billions of different networks and devices that span globe, allowing for instantaneous sharing of information.



# II: Understanding Wireless Technology

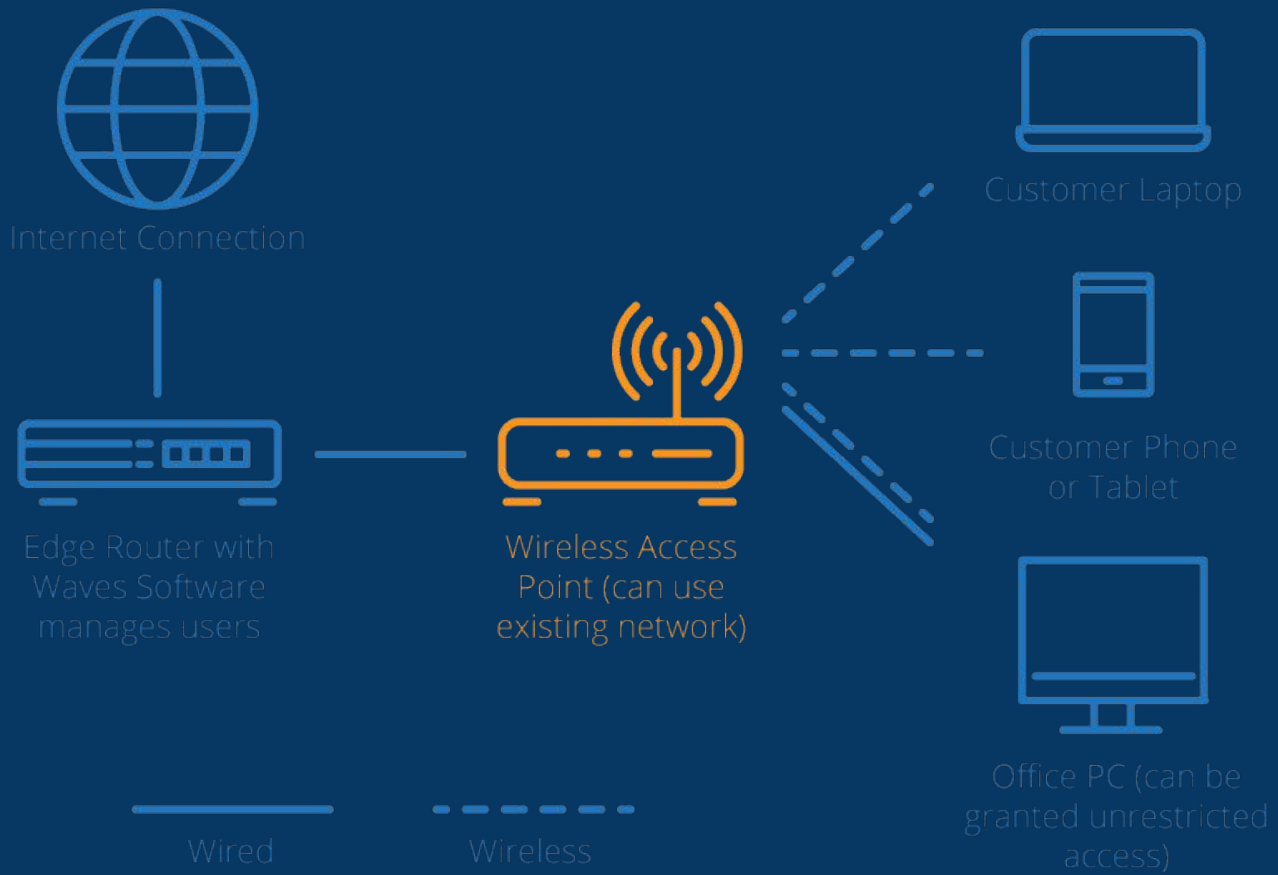
## Wireless Network Protocols (WiFi)

The internet functions through a combination of radio waves and wired technology that connect the world - mostly on a *wired* basis.

WiFi is completely wireless, and allows nearby devices to share data and function together as a cohesive unit.

- Your device connects to a **wireless router**, which is used to relay data to the network
- The wireless router connects (*wired*) to an **internet service provider**.
  - You may be familiar with Cox, Verizon, AT&T, Comcast, etc. \*



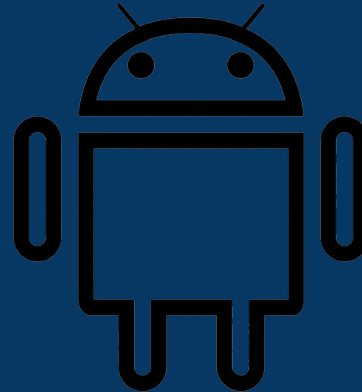


# III: Using Your Devices to the Fullest

## Navigating your Smartphone

The smart devices you are familiar with (Apple iPhones and Google Androids) have wide-ranging capabilities. But, navigating it can be tricky.

Both **iPhone** and **Android** devices are very similar - in the next slides, we will show you useful functions for finding helpful items.



# IV: Using Your Devices to the Fullest

## Inside the Phone

The Settings Application: Inside, you will find easy adjustments to make your phone usage more efficient and more pleasant.



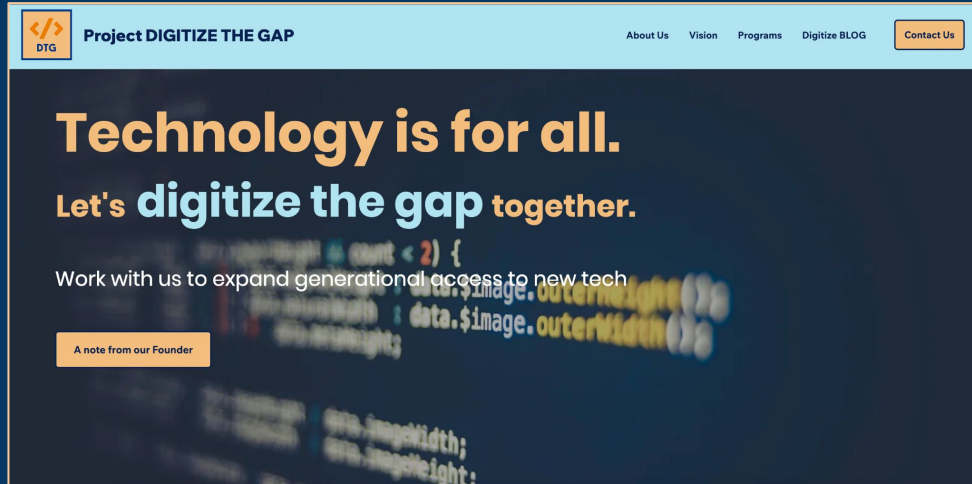
**General:** This region of the settings app is used for most quick changes, such as changing the date and/or time, updating the software, or checking on your device's storage.





# V: THANK YOU!

We very much appreciate your time.



You can find more of our resources on our website:

[www.digitizethegap.org](http://www.digitizethegap.org)



[www.digitizethegap.org](http://www.digitizethegap.org)  
[digitizethegap@gmail.com](mailto:digitizethegap@gmail.com)

# VI: Questions?

Let us help!

## Contact Us

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