



# Ionic Pro Overview Training

Government of Canada

19 September 2018

# Agenda

1. Defining terminology
2. Navigating the dashboard
3. Organizations and teams
4. Package
5. Deploy
6. Monitoring



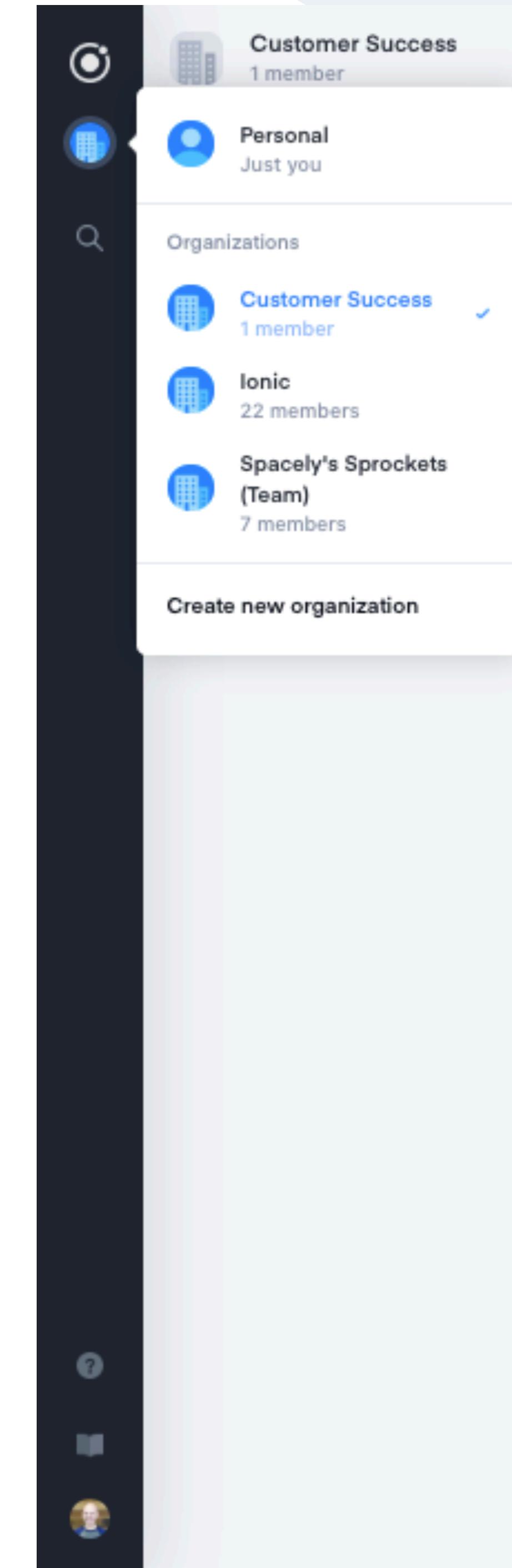
# Account Structure & Dashboard Navigation

# Objectives

- Become familiar with dashboard and major components
- Understand the relationship between Ionic Pro's organizations, teams, members, & apps
- Know how to set user permissions to manage your apps

# Terminology (1/3)

- Workspace
- Organization
- Account Settings



## Apps

All apps



### Create your first app

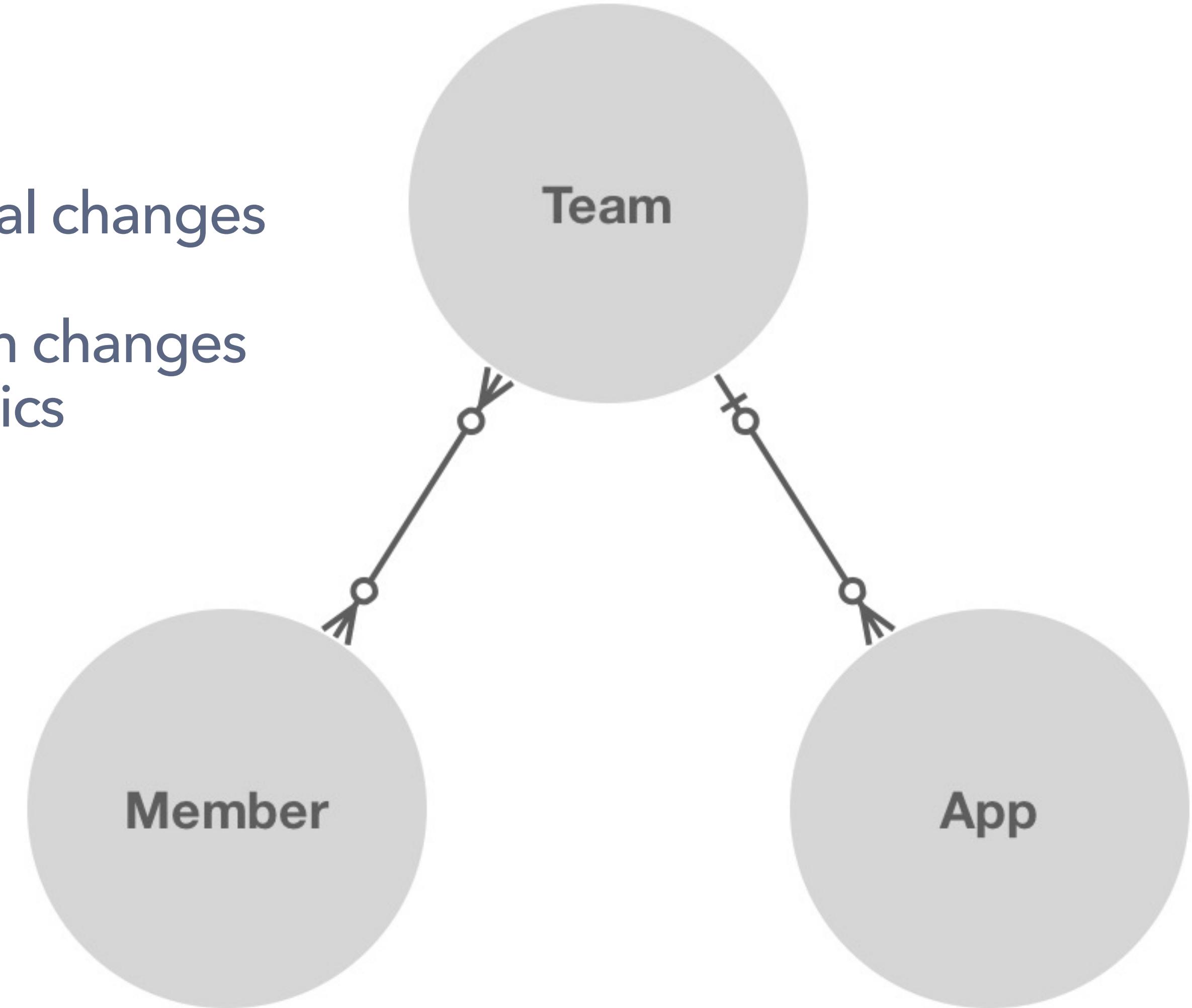
Power your apps with Ionic Pro Live Deploy, native packaging, remote app testing, error monitoring, and hosting.

[Create a New App](#)



# Terminology (2/3)

- Team
- Roles
  - Member: Makes functional changes
  - Admin: Makes permission changes  
Access app statistics



# Terminology (3/3)

- **Package**
- **Deploy**
- Live Updates
- Monitoring



# Organization Structure

- Apps belong to the organization
- Organization(s) comprised of teams
- Members must be added to teams to contribute to the app
- App inherits features associated with organization

# How to Manage Apps & Members

1. Link an app to Ionic Pro's organization dashboard
2. Create a team
3. Invite members to join new team
4. Add app to team

# Any Questions of Account Overview Topics?

- Organization vs. Personal Accounts
- Managing access to certain apps

# Package



CREATE NATIVE BINARIES FOR IOS AND ANDROID IN THE CLOUD

# Objectives

- Understand how to use Package feature
- Learn how to create a Security Profile

# Package Initial Set Up Steps

1. Must create separate profile for **Production** and **Development** for both platforms
  - **iOS**: Need .p12 and .mobileprovision files for both Development and Production builds
  - **Android**: Need .keystore file *only* for Production builds
2. Add both platforms before packaging  
ionic cordova platform add android  
ionic cordova platform add ios
3. Push changes to Ionic Pro  
git add .  
git commit -m "adding platforms"  
git push ionic master  
Enter passkey
4. Package for Android Debug to witness changes

# Package Summary

- Initial set up requires most leg work
  1. Create Security Profile
  2. Add platforms to app directory
  3. Package build
  4. Download file and distribute accordingly
- Subsequent times only require pushing Package icon next to build

# Deploy



RELEASE HOT CODE CHANGES TO DEVICES INSTANTANEOUSLY

# Objectives

- Learn how to set up a channel in Ionic Pro to receive certain updates
- Understand different type of updates potentially received
- Witness deploy in action

# Setting up Deploy

1. Pro client setup (see <https://ionicframework.com/docs/pro/deploy/setup/>)  
npm install @ionic/pro@latest - -save
2. Choose integration type (Ionic 2/3 or Ionic 1) and edit **app.module.ts** to contain correct code
3. Determine deploy strategy for channel. Options are:
  - Download updates in background, install next time app loads
  - Download updates in splash screen and install immediately
  - You manually perform updates in JavaScript (Plugin still required)
4. Copy/paste code from dashboard to CLI
5. Push changes to Ionic Pro dashboard
6. Package build and download to device

# Best Practices with Deploy

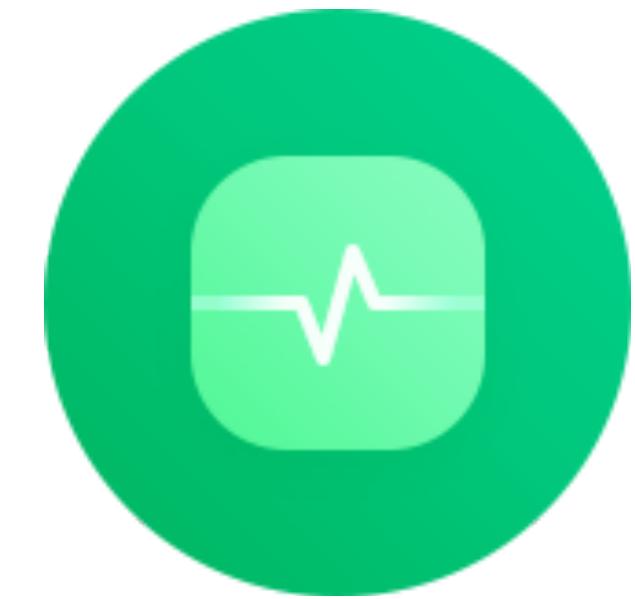
1. Removing auto-update for master channel
  - **Deploy > Channels >** remove auto update option
  
2. Restrict deploy updates by Native Versioning
  - <https://ionic.zendesk.com/hc/en-us/articles/360003567694>

# Lab: Integrate Ionic Pro

START USING PACKAGE, DEPLOY, AND MONITORING



# Monitoring



PINPOINT RUNTIME ERRORS & TRACK TO CODE

# Objectives

- See capabilities of Monitoring feature
  - Monitoring pinpoints runtime errors
  - Can detect in either production or development
- See how to sync Source Maps  
`ionic monitoring syncmaps`
- Advice on using version numbers and organizing commits. Versioning present on:
  - `package.json`
  - `config.xml`
  - `app.module.ts`

# Monitoring Summary

- Initial setup in tandem with Deploy set up
- Ensure versioning is updated with each commit
- Sync source maps after each commit
- See exactly where the error occurred in Error Monitoring output

# Lab: Monitor Errors

CATCH ERRORS AND PINPOINT CODE LOCATION

# Questions?

Please don't ever hesitate to get in touch with us.

