Data Security and
The 2020 Assessment Update

Municipal Property Assessment Corporation

September 19, 2019

MUNICIPAL
PROPERTY
ASSESSMENT
CORPORATION

mpac

MPAC Municipal and Stakeholder Relations Team

Carmelo Lipsi, Vice-President, Valuation & Customer Relations & Chief Operating Officer

Chris Rickett, Director, Municipal and Stakeholder Relations

Local Support in your Community
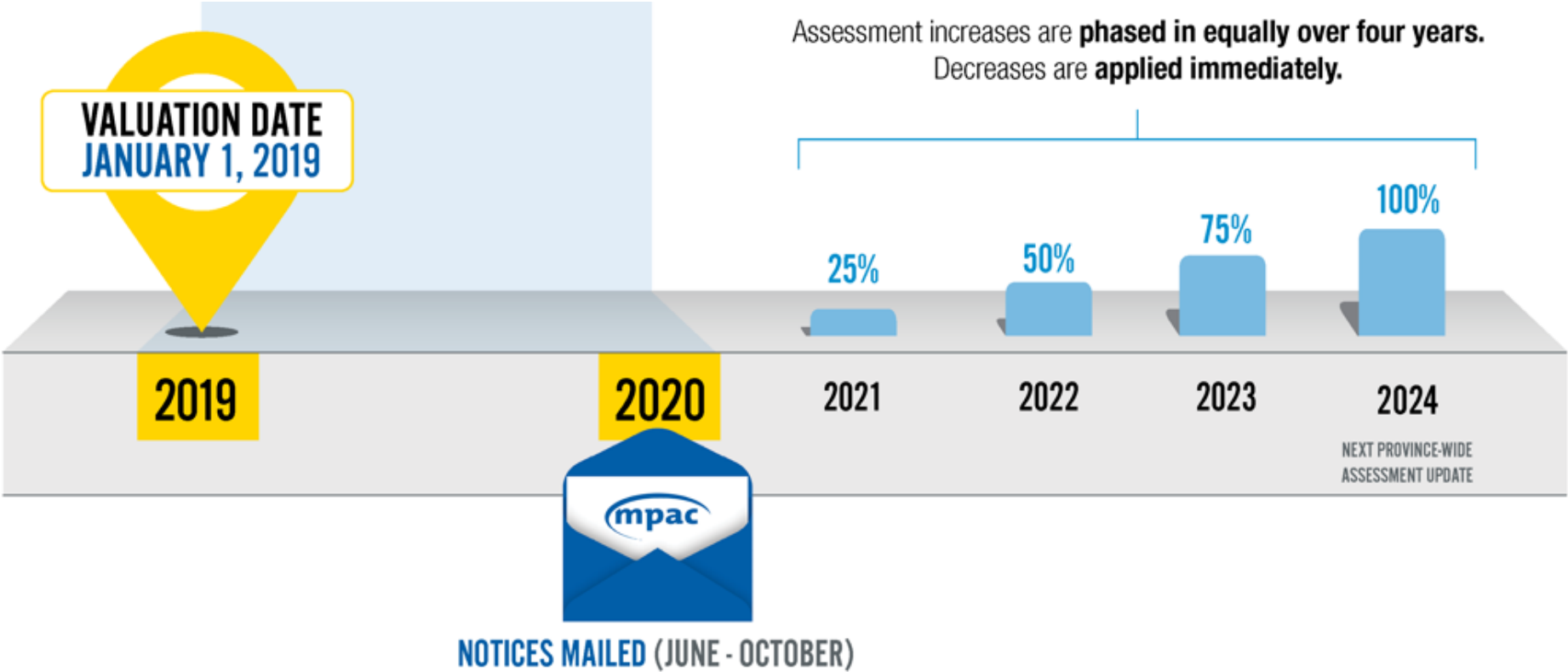
MPAC and the 2020 Assessment Update

MUNICIPAL
PROPERTY
ASSESSMENT
CORPORATION

2020 Assessment Update

Earlier valuation date → Accurate data → Early engagement

Earlier Valuation Date

VALUATION DATE JANUARY 1, 2019

Assessment increases are **phased in equally over four years.** Decreases are **applied immediately.**

25%   50%   75%   100%

2019   2020   2021   2022   2023   2024

NEXT PROVINCE-WIDE ASSESSMENT UPDATE

NOTICES MAILED (JUNE - OCTOBER)

Accurate Data

Sales investigations

Building permits

Requests for Reconsideration/Appeals

MPAC-initiated reviews

Neighbourhood realignments

Financials & financial returns

Planning Services

Early Engagement

What to Expect

2012 | 2016 | 2020

2013–2016 TAX YEARS
January 1, 2012
(Valuation date)

2017–2020 TAX YEARS
January 1, 2016
(Valuation date)

2021–2024 TAX YEARS
January 1, 2019
(Valuation date)
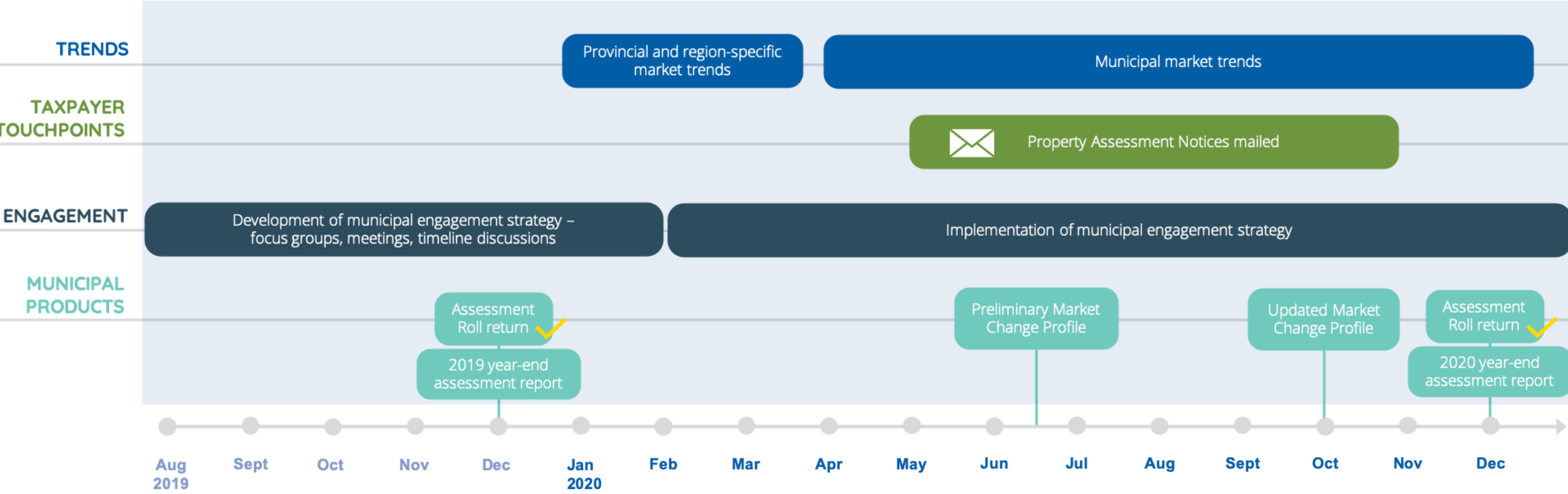
How we support you

Service Level Agreement

mpac MUNICIPAL PROPERTY ASSESSMENT CORPORATION

Key Improvement Areas

- Severance/Consolidations

- Supplementary/Omitted Assessments

Appeals

Connect with Us

MPAC OFFICES

ZONE 1 London, Sarnia, Kitchener, Windsor
ZONE 2 Hamilton, Mississauga
ZONE 3 Richmond Hill, Durham, Trenton
ZONE 4 Toronto
ZONE 5 Muskoka-Parry Sound, Peterborough, Barrie, Owen Sound
ZONE 6 Kingston, Brockville, Cornwall, Ottawa, Pembroke
ZONE 7 North Bay, Timmins, Sudbury, Sault Ste. Marie, Thunder Bay, Dryden, Kenora, Fort Frances

IT Security

Stuart Irvine, Director, IT Security

MPAC's Security Journey

- Dedicated security team

- Develop a culture of security first – DevSecOps

- Work towards ISO 27001 certification

- Leverage commercial applications and open source tools

Security with a limited budget

Top ten items to **improve security**

1. Passphrases
2. Multi Factor Authentication (MFA)
3. End user security awareness training
4. External email identifier
5. Onboarding and offboarding process
6. Patching
7. Open source security tools
8. Security frameworks
9. USB storage devices
10. Security information threat feeds
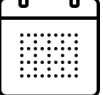
Passwords and Passphrases

Passwords and Passphrases

"abcdefg" 7 characters   .29 milliseconds

"abcdefgh" 8 characters   5 hours

"abcdefghi" 9 characters   5 days

"abcdefghij" 10 characters   4 months

"abcdefghijk" 11 characters   1 decade

"abcdefghijkl" 12 characters   2 centuries

Multifactor Authentication

End User Awareness Training

End user security awareness training

- What is malware
- Phishing
- Social engineering
- Mobile devices
- Social media and being safe online
- Passwords and authentication
- Removable media

External email identifier

- Helps identify external threats
- Reduce phishing attacks

Latest from the Tenable Blog – Aug 29, 2019

○ **Tenable Blog <marketing@tenable.com>**

✓ Irvine, Stuart

Thursday, August 29, 2019 at 11:09 AM

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On/Off Boarding Process

Operating System and Application Patches

Open Source Security Tools

Google

sssllabs

Google Search   I'm Feeling Lucky

Google offered in: Français

Open source security tools

- Kibana and PDQ – Open source solutions

Security frameworks

USB Storage Devices

Security Information and Threat Feeds

Security information/threat feeds

All

Widgets New!

Upgrade Free   irvinest

Business Skills   Marketing   Design   Programmers   Learning   Sports   Healthy Living   Food & Recipes   Religion   Slideshare   World Economy   Markets   Foreign Exchange

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📁 **Security**   7

🔲 otx.alienvault.com/rs...   7

🐦 **Krebs on Security**   39

s **Naked Security**   100

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China's new face-swapping app Zao gets whiplash-fast privacy backlash

Naked Security - 1 hour ago

By Lisa Vaas - Fast trip: in two days, it debuted, shot to the top of China's App Store, sparked privacy outrage, and got banned by WeChat.

FBI asks Google for help finding criminals

Naked Security - 1 hour ago

By Danny Bradbury - FBI agents issued Google with a warrant in November 2018, seeking its help with a bank robbery the month before.

Massive iPhone Hack Targets Uyghurs

Schneier on Security - 2 hours ago

By Bruce Schneier - China is being blamed for a massive surveillance operation that targeted Uyghur Muslims. This story broke in waves, the first wave being abou..

XKCD forums breached

Naked Security - 2 hours ago

By Lisa Vaas - How did the Correct Horse Battery get Stapled?

### 'USBAnywhere' Bugs Open Supermicro Servers to Remote Attackers

Threatpost | The first stop for security news - 3 hours ago

irvinest@gmail.com
Today, 8:58 AM

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Fire Eye Threat Research 9

Hacking Tools – Darknet 1

Krebs on Security 13

SANS Internet Storm Center

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The Register – Security 106

TODAY

Vulnerabilities – Threatpost • 8:20 AM
'USBAnywhere' Bugs Open Supermicro Servers to Remote Attackers
Trivial-to-exploit authentication flaws...

The Register – Security • 6:03 AM
Enjoy the holiday weekend, America? Well-rested? Good. Supermicro server boards can be remotely hijacked
Virtual USB hub allows attackers to g...

Threatpost • 6:01 AM
'USBAnywhere' Bugs Open Supermicro Servers to Remote Attackers
Trivial-to-exploit authentication flaws...

The Register – Security • 5:03 AM
NATO sharpens its cyber-lances, prepares for war games with virtual jousting tournament
Hey, ex-Soviet state-backed threat ac...

SANS Internet Storm Cen... • 2:24 AM
[Guest Diary] Tricky LNK points to TrickBot, (Tue, Sep 3rd)
[This is a guest diary submitted by Ja...

YESTERDAY

SANS Internet Storm Ce... • 11:06 PM
ISC Stormcast For Tuesday, September 3rd 2019 https:// isc.sans.edu/podcastdetail.html? id=6648, (Tue, Sep 3rd)
–

Krebs on Security • 5:05 PM
Feds Allege Adconion Employees Hijacked IP Addresses for

659 items
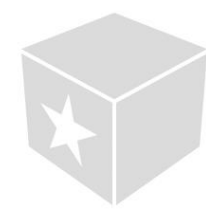
irvinest@gmail.com
Security
659 unread items

Google

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Questions