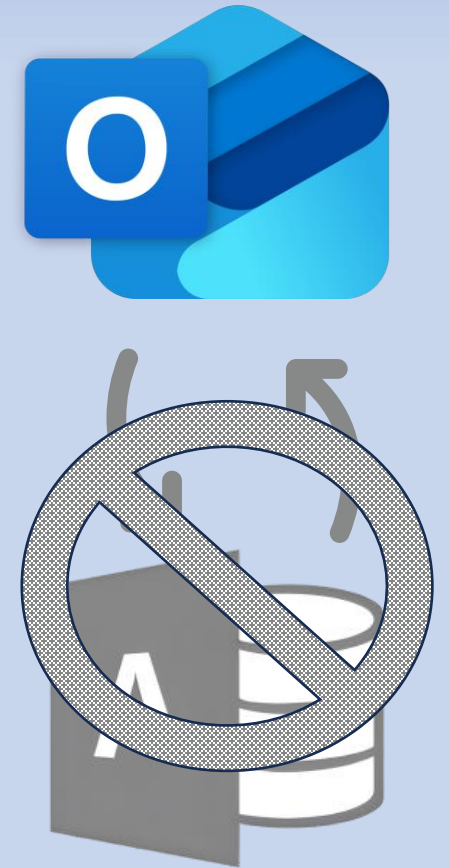


Alternatives to COM Automation of Classic Outlook

Presented by
Mike Wolfe of
nolongerset.com

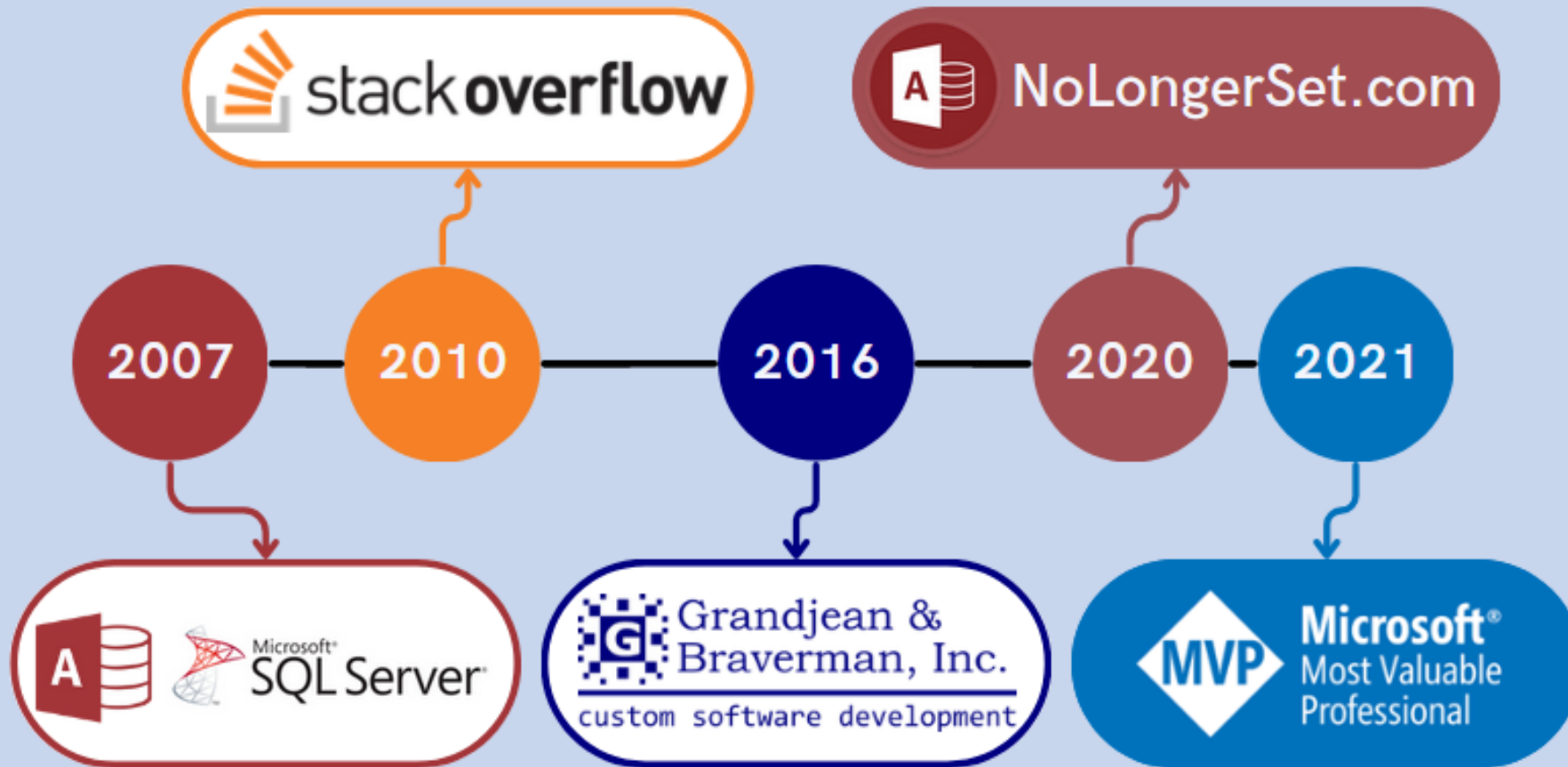


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Who am I?



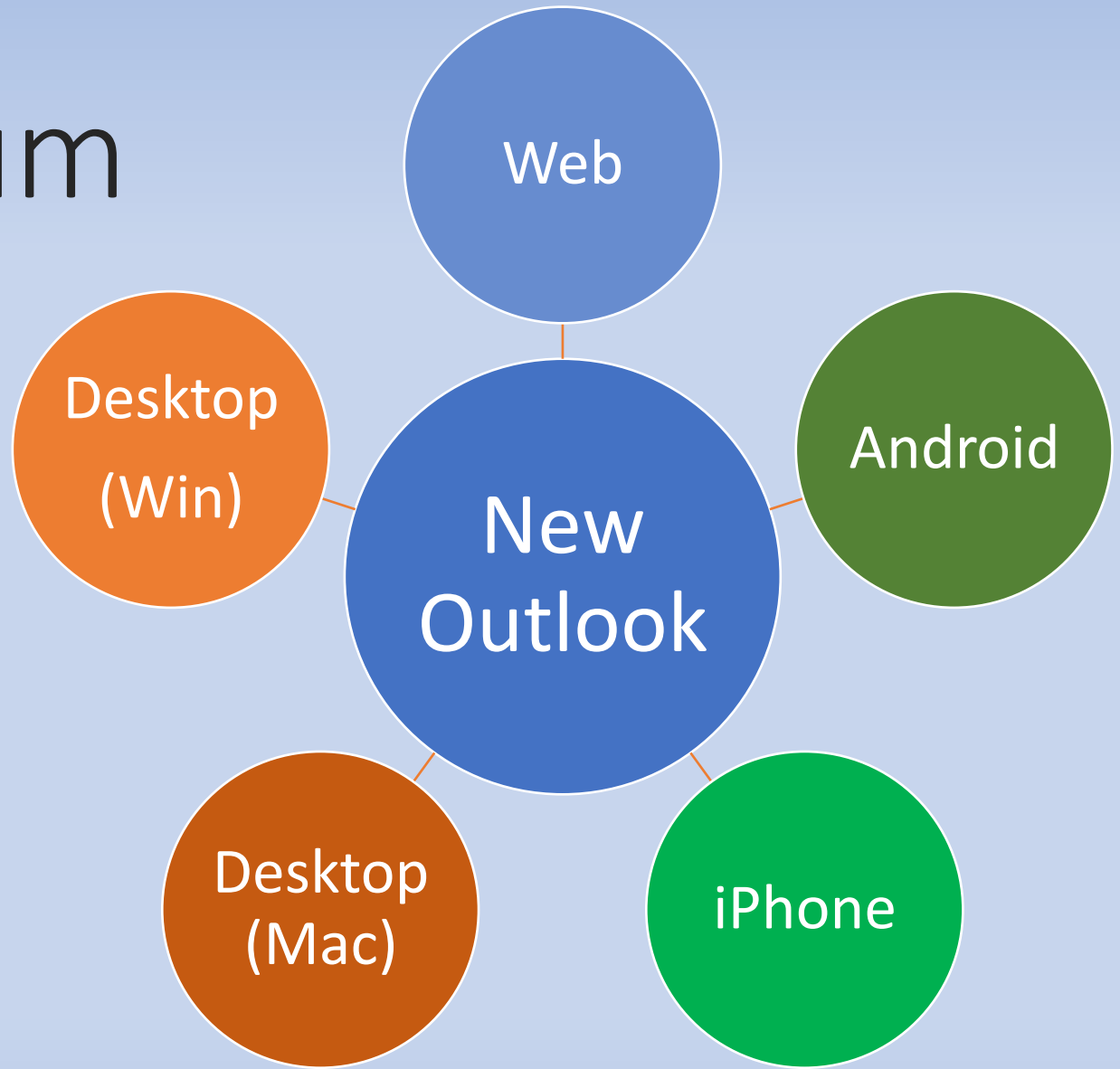
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E Pluribus Unum

“
OUT OF
MANY...
One”



New Outlook in a ~~thin candy shell~~ *Thin Candy Shell*



New Outlook



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Outlook w/ VBA: Too Powerful



SECURITY WARNING Some active content has been disabled. Click for more details.

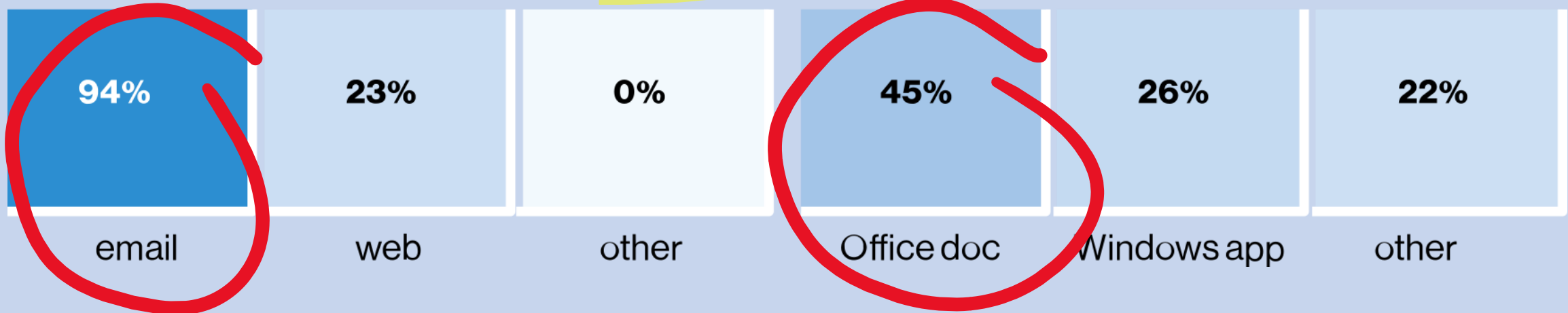
Enable Content



Delivery Method

Malware in 2019*

File Type



SECURITY RISK Microsoft has blocked macros from running because the source of this file is untrusted.

Learn More



* Source: [2019 Verizon Data Breach Investigations Report \(DBIR\)](#)

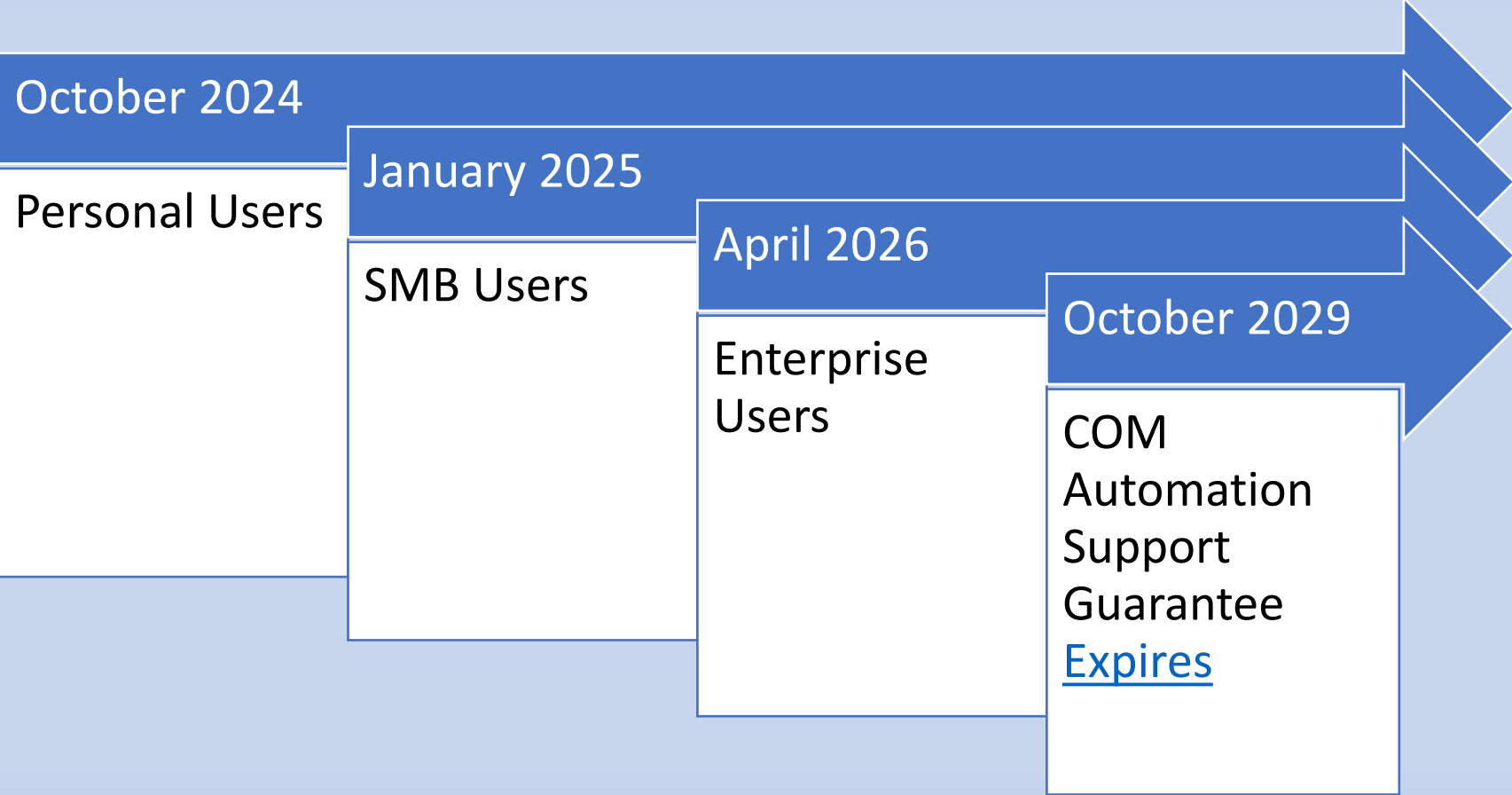


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Rollout Timeline



Microsoft is Going “Full Send”



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COM Automation Alternatives

DoCmd. SendObject

- Built-in to Access
- Simple
- Limited features
- May not work w/
New Outlook
- No email preview

Graph API

- Microsoft tech
- Powerful:
 - Calendar
 - Contacts
- **Complex auth**
- No email preview

RECOMMENDED

Mailgun API

- Delivery focus
- **Simple auth**
- **Multi-customer**
- Needs DNS config
- Not free
- No email preview



Custom Domain Configuration



SPF



DKIM



DMARC




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Graph API



AccessUserGroups.org

Access Lunchtime
with Maria Barnes
Last Tuesday @ 12 noon CT
27 August 2024

Working with Microsoft Graph API from VBA



Presented by
Maria Barnes

www.accessusergroups.org/lunch

- 15 minutes of Auth discussion
- Auth tokens expire
- Very granular permissions
- **COMPLEX AUTH!!!**



Mailgun API Service

Testing Tier	Basic Tier	Foundation Tier
\$0 /mo	\$15 /mo	\$35 /mo
<ul style="list-style-type: none">✓ 100 daily emails✓ 5 verified recipients✓ No expiration	<ul style="list-style-type: none">✓ 10K monthly emails✓ 1 custom sending domain✓ \$1.80/1k additional emails	<ul style="list-style-type: none">✓ 50K monthly emails✓ 1,000 custom sending domains✓ \$1.30/1k additional emails <p>Client subaccounts with:</p> <ul style="list-style-type: none">✓ Client logins✓ Email analytics✓ Unique API keys



Mailgun API Quick Start

- Create an account
- Get an API key
- Send a test email
- Sample code

```
' Prepare the POST data
```

2

```
Dim postData As String
```

```
postData = "from=" & UriEncode(FromAddress) & _  
          "&to=" & UriEncode(ToAddress1) & _  
          "&subject=" & UriEncode(Subject) & _  
          "&text=" & UriEncode(BodyText)
```

```
Sub SendEmailWithMailgun()
```

1

```
' Constants
```

```
Const apiKey As String = "0123456789abcdef0123456789abcdef-012  
Const url As String = "https://api.mailgun.net/v3/sandbox01234  
Const fromAddress As String = "Excited User <mailgun@sandbox01  
Const toAddress1 As String = "youremail@example.com" ' <-- R  
Const subject As String = "Hello"  
Const bodyText As String = "Testing some Mailgun awesomeness!"
```

```
' Create the HTTP request object
```

3

```
Dim http As Object
```

```
Set http = CreateObject("MSXML2.XMLHTTP")
```

```
' Open the request
```

```
http.Open "POST", url, False
```

```
' Set the authentication header
```

```
http.setRequestHeader "Authorization", "Basic " & EncodeBase64("api:" & apiKey)
```

```
' Set the content type
```

```
http.setRequestHeader "Content-Type", "application/x-www-form-urlencoded"
```

```
' Send the request with the POST data
```

```
http.Send postData
```



NLS Mailer



Drop-in Replacement

Direct replacement for the Outlook object model

Seamless Migration



Modern API Support

Built-in support for Mailgun and Microsoft Graph API

Multiple Providers



WYSIWYG Preview

Rich HTML email editor with formatting toolbar

Visual Editor



Attachments Simplified

No need for manual encoding in calling code

File Handling



Complete Documentation

Full API reference with VBA examples and quick start

Developer Resources



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Questions?

Links and Resources:

nolongerset.com/outlook-alt/



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