

Vatican News Widget

- Technical Documentation -

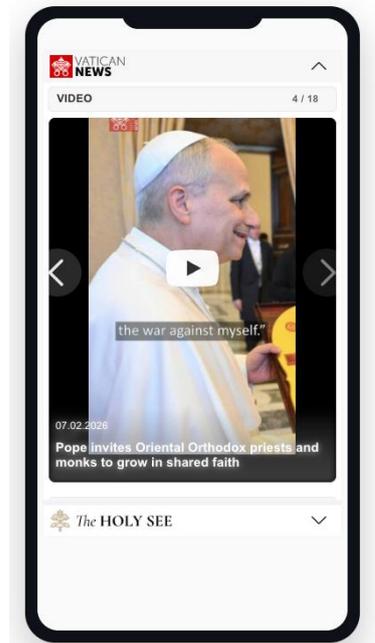
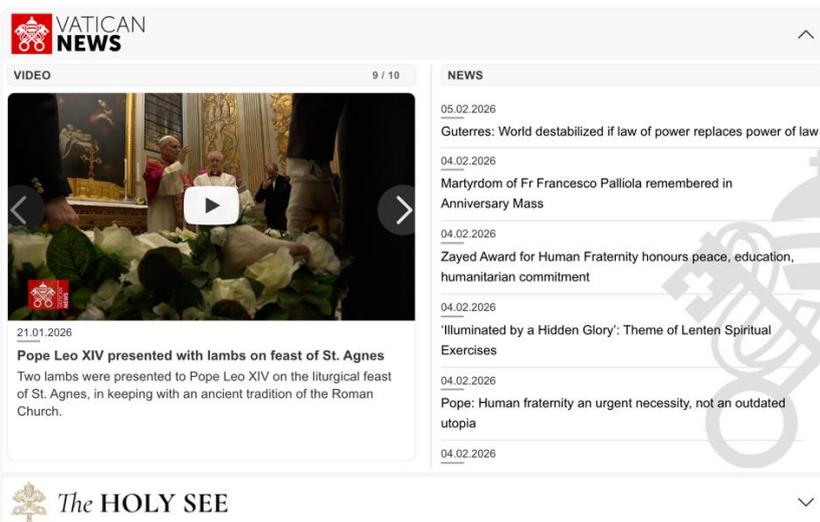


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1. General description

The Vatican News Widget is an embeddable web component that displays the latest news about the Pope, the Holy See, and the Church directly on partner websites.

The widget enriches users' information experience by sharing constantly-updated videos and multimedia content.

Key features:

- responsive design
- Web Components technology (Shadow DOM)
- dynamic content loading
- simple configuration via HTML attributes

2. Minimum requirements

- Modern browsers with support for:
 - Custom Elements
 - Shadow DOM
- No JavaScript framework required
- Compatible with all major CMS platforms and static sites.

3. Embedding the widget

3.1 Basic snippet

```
<vaticannews-widget></vaticannews-widget>  
<script src="https://www.vaticannews.va/widget.js"></script>
```

This is the **minimum configuration required** to embed the widget **in English**.

3.2 Full snippet with configuration

To easily generate the widget code with the various options, we recommend using the following link:

<https://www.vaticannews.va/widget/embed.html>

3.3 Configuration parameters

Attribute	Allowed values	Description
lang	en, it, fr, de, es, pt, pl, ar, hy, az, be, bg, cs, eo, he, hr, hu, ln, lt, lv, mk, mn, ro, sq, sk, sl, sv, ru, uk, hi, ml, ta, kn, vi, ja, ko, zh, zht, sw, am, ti	Widget language
fontSize	14,16,18	Font size
carouselVideoAuto	true, false	Enables automatic rotation of the video carousel
carouselVideoTime	slow,medium,fast	Video carousel auto-rotation speed

Example widget with parameters:

```
<vaticannews-widget  
lang="en"  
fontSize="14"  
carouselVideoAuto="true"  
carouselVideoAuto="medium">  
</vaticannews-widget>
```

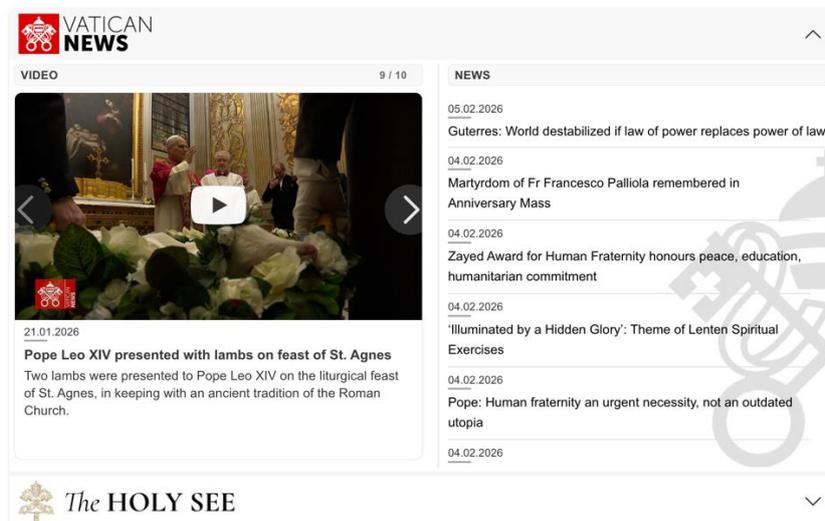
```
<script src="https://www.vaticannews.va/widget.js"></script>
```

4. Optimal container dimensions

The widget is **responsive**:

- automatically resizes videos
- adapts the number of text lines
- optimizes touch interactions
- properly handles resize and orientation changes
- no custom breakpoints are required.

4.1 Desktop – Horizontal view



For **desktop display in horizontal orientation**, the widget should be placed inside a container with a **width greater than 770px**.

```
<div class="container">
  <!-- snippet widget -->
</div>
```

4.2 Desktop – Vertical view

For **desktop display in vertical orientation**, the widget should be placed inside a container with a **width less than 770px**.



This view makes it possible to embed the widget even in very narrow side columns.



The minimum size below which correct display is not guaranteed: width: 250px - height: 400px

Best practices

- Avoid using containers with “overflow: hidden” or “display: none” at page load, as they may interfere with correct rendering and with the widget’s sizing calculations.
- It is recommended to use a container with “height: auto”, so the widget can adapt dynamically to the content.
- If it is necessary to impose a vertical constraint, you can define a “max-height”, making sure the available height is **not less than 570px** to ensure a correct viewing experience.

5.3 Mobile

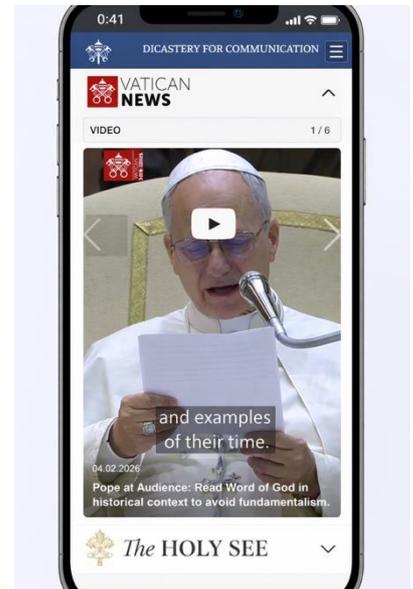
In a mobile environment the widget **automatically adapts to the viewport**.

Recommended requirements

- **“viewport” meta tag** present on the host page:

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

- **Minimum supported width:** 320px (standard smartphone).
Recommended: ≥ 360px for optimal rendering of titles and videos.



Best practices

- No fixed width: use a container width of 100%
- Avoid excessive side padding on the container
- Height: auto recommended (the widget calculates the correct height based on the content).
- Avoid overflow: hidden on the container

6. CSS and JS isolation

The widget uses:

- Shadow DOM
- Custom CSS with no conflicts with the host site’s CSS
- Isolated JavaScript that does not interfere with the rest of the page.
- No interference with existing libraries (Bootstrap, jQuery, etc.)

7. Performance

- asynchronous loading
- single, cache-friendly script
- does not slow down page loading
- lazy loading of video content

8. Limitations

- Legacy browsers (e.g., Internet Explorer 11) are not supported.

9. Integration recommendations

Do not use the widget:

- in a container with “overflow: hidden”
- in a container with “display: none”
- while attempting to modify the DOM
- multiple times on the same page

10. Support

For usage requests or reports, write to the following address:

`widget@vaticannews.va`