

1 Scope

This specification defines support for the Common Public Communication and Digital Government Platform in experimental TV 3.0 AoP implementations under distribution, provided that the AoP implementation can subsequently be updated through an Internet connection. All requirements applicable to this experimental context are established directly herein. It covers the embedded pre-configuration, the retrieval of current signaling, and the installation and update of the Common Platform's components.

2 References

The following documents are cited in the text in such a way that their contents, in whole or in part, constitute requirements for this document. For dated references, only the editions cited apply. For undated references, the most recent editions of that document (including amendments) apply.

ABNT NBR 25602, *TV 3.0 – Transport Layer*

ABNT NBR 25608, *TV 3.0 – Application Coding*

3 Terms and Definitions

For the purposes of this Document, the terms and definitions specified by ABNT NBR 25602 and ABNT NBR 25608 apply. Additionally, the following terms and definitions apply.

No further terms and definitions are included in this Document.

4 Abbreviations

For the purposes of this Document, the following abbreviations apply.

ABNT	<i>Associação Brasileira de Normas Técnicas</i>
AoP	<i>Application-oriented Platform</i>
BALD	<i>Broadcaster Application Location Description</i>
BAM	<i>Bootstrap Application Manifest</i>
BAMT	<i>Bootstrap Application Manifest Table</i>
DTV	<i>Digital TeleVision</i>
ECG	<i>Electronic Content Guide</i>
EPG	<i>Electronic Programming Guide</i>
HTTP	<i>HyperText Transfer Protocol</i>
HTTPS	<i>HTTP Secure</i>
LLS	<i>Low-Level Signaling</i>

MPD	<i>Media Presentation Description</i>
SBTVD	<i>Sistema Brasileiro de TV Digital</i>
SLS	<i>Service Layer Signaling</i>
SLT	<i>Service List Table</i>
URL	<i>Uniform Resource Locator</i>
XML	<i>eXtensible Markup Language</i>

5 Introduction

The Common Public Communication and Digital Government Platform is a TV 3.0 service that brings public communication and digital government content together in a single place [1], reached from the TV 3.0 Application Catalog (see ABNT NBR 25608). To guarantee its presence from the outset, the TV 3.0 AoP implementation carries an embedded minimum pre-configuration of the Common Platform, sufficient to ensure that its name and icon appear in the first position of the Application Catalog and to enable the subsequent retrieval, through the official secure web service, of all associated signaling.

Effective installation and update of the Common Platform take place as part of the receiver's signal scan procedures and depend on Internet connectivity. When connectivity is available, the implementation retrieves the current signaling and installs or updates the components required for the Common Platform to operate. When it is not, the Common Platform remains in its embedded pre-configured state, limited to the presence of its name and icon in the Application Catalog.

This document specifies, for experimental TV 3.0 AoP implementations under distribution, the embedded pre-configuration, the retrieval of current signaling, and the installation and update of the Common Platform's components.

6 Embedded pre-configuration

The TV 3.0 AoP implementation carries an embedded minimum pre-configuration of the Common Platform, sufficient to ensure the presence of its name and icon in the first position of the TV 3.0 Application Catalog and to enable the subsequent retrieval, through the official secure web service, of all associated signaling. Because the Common Platform aggregates public channels and services, the embedded pre-configuration also supports clear communication with the viewer, including when Internet connectivity is not available (see 7.5).

The embedded pre-configuration comprises the following.

6.1 Positioning of the Common Platform icon

The TV 3.0 AoP implementation reserves the first position of the TV 3.0 Application Catalog for the Common Platform icon, in accordance with Decreto 12.595/2025 [1], and ABNT NBR 25608, E.2. This position cannot be changed by the viewer, by applications, or by automatic catalog-organization mechanisms, and the corresponding entry for the Common Platform in the Application Catalog cannot be removed.

These restrictions and this prominence also apply to the other DTV service listings in the TV 3.0 AoP, such as the EPG and ECG. In addition, as a service signaled and supported by the TV 3.0 specifications, the TV 3.0 service identification badge (DTV+ badge) is overlaid, in accordance with the requirement ABNT NBR 25608, 8.2, ACFR-13.

6.2 Initial BAMT of the Common Platform

The TV 3.0 AoP implementation contains an initial Bootstrap Application Manifest Table (BAMT, see ABNT NBR 25602) of the Common Platform, sufficient to allow its global identification and the display of its name (with support for spaces and accented characters), description (with support for spaces and accented characters), and icon in the TV 3.0 Application Catalog.

For the purposes of this specification, the initial BAMT is restricted to a single BAM element (see Annex A.1), containing only:

- BAM@globalServiceId;
- BAM@appVersion;
- BAM@appName; BAM@appDescription;
- BAM@backgroundColor; BAM@foregroundColor;
- BAM.appIcon; BAM.bannerIcon;
- BAM.fallbackMediaURLs

It is recommended that the initial BAMT be the one in force at the time of pre-configuration by the manufacturer, available from the base URL specified in 6.3. Should the service for retrieving the current BAMT be unavailable, the initial BAMT listed in Annex A.1 is used.

6.3 Base URL for retrieving the Common Platform's current LLS

The TV 3.0 AoP implementation has the following base URL of the official secure web service pre-configured for retrieving the Common Platform's current Low-Level Signaling (LLS, see ABNT NBR 25602):

<https://plataformacomum.tv.br/tv30signaling/lls>

When a TV 3.0 AoP software update package is built, it is recommended that the initial BAMT be the version in force at the time of pre-configuration. However, the update process checks whether the target TV 3.0 AoP implementation already contains a more recent BAMT version and, if so, preserves it in full, without replacement or alteration.

7 Retrieval of current signaling

Retrieval of the Common Platform's signaling takes place during the initial scan, manual scan, or automatic scan procedures, provided that Internet connectivity is available.

7.1 Retrieval of the Common Platform's current LLS

Retrieval of the current LLS is restricted to the following path terms (case-sensitive) appended to the base URL pre-configured in 6.3:

- BAMT
- SLT

The base URL is used analogously to the one specified by the Service.SvcInetUrl element of the Service List Table (SLT), with @uriType="1". The TV 3.0 AoP implementation issues an HTTP GET request to the retrieval URL of each LLS metadata object.

The responses to these requests contain the corresponding XML document directly, with:

```
Content-Type: application/xml
```

and, optionally:

```
Content-Encoding: gzip
```

In this specification, no metadata envelope is used: the response carries the XML document directly, without an envelope. The `ALL` path term, for retrieving all LLS metadata objects, is not permitted.

7.2 Syntactic validation and identity correlation

Syntactic validation of the current BAMT is restricted to the same minimum attributes and elements required for the initial BAMT (6.2).

The TV 3.0 AoP implementation verifies the correlation among the current BAMT, the current SLT, and the pre-configured initial BAMT. The value of `@globalServiceId` in the current BAMT corresponds to the global identifier of the Common Platform and is used for correlation with the initial BAMT and with the corresponding entry in the SLT.

The current BAMT and SLT are persisted in the TV 3.0 AoP implementation, for quick access.

7.3 Parameters required for the Common Platform's SLT

Syntactic validation of the current SLT is restricted to verifying a single Service element, containing:

- `Service@globalServiceID`: global identifier, for correlation with the initial BAMT and the current BAMT;
- `Service@sltSvcSeqNum`: the current version of the service specification;
- `Service@serviceCategory="30"`: designates the Common Platform as a service based on a Bootstrap Application;
- `Service@configuration="Broadband"`: designates the service as broadband-only;
- `Service.SvcInetUrl@urlType="1"`: the access URL of the Service Layer Signaling (SLS) Server.

`SvcInetUrl@urlType="2"` (ESG server) is not required, nor are any other additional elements or attributes.

7.4 Retrieval of the Common Platform's current SLS

From the SLS Server URL obtained from the current SLT, retrieval of the SLS is restricted to the Broadcaster Application Location Description (BALD, see ABNT NBR 25608) fragment, by means of the `BALD` path term (case-sensitive) appended to the base URL of the SLS signaling server.

The response contains the corresponding XML document directly, with:

```
Content-Type: application/xml
```

and, optionally:

```
Content-Encoding: gzip
```

Retrieval of any other additional fragments is not required.

Given the absence of the MPD fragment, the TV 3.0 AoP implementation uses the `BAMT.BAM.fallbackMediaURLs` element as a substitute mechanism for referencing the initial media resource used by the Common Platform's Bootstrap Application.

7.5 Handling of connectivity and retrieval failures

When Internet connectivity is not available, the TV 3.0 AoP implementation informs the viewer that an Internet connection is required to access the Common Platform. Selecting the Common Platform icon in the Application Catalog, or triggering it through zapping, does not result in a silent error, a blank screen, or an indefinite loading attempt. For this purpose, the following message is displayed:

- Portuguese:
"Você está sem conexão. Conecte este aparelho à internet para acessar canais e serviços públicos."
- English:
"You are offline. Connect this device to the Internet to access public channels and services."

Beyond the absence of Internet connectivity, failures in retrieval, in decompression (where applicable), or in validation of the current signaling do not produce an inconsistent partial state. In such cases, the last valid version previously installed of the Common Platform is preserved or, in its absence, only the embedded pre-configuration remains.

8 Installation, update, and removal

For the purposes of this specification, installation of the Common Platform is understood as the operational provisioning of the minimum signaling fragments and of the main document of the Broadcaster Application, without defining full persistence of the application.

8.1 General provisions

Installation comprises the provisioning of:

- BAMT
- SLT
- BALD
- the main document retrieved via `BALD.EntryPackage@bbandEntryPointUrl`

For the purposes of this specification, the "main document" is the document pointed to by `EntryPackage@bbandEntryPointUrl` and used as the entry point of the Broadcaster Application.

Delivery of the Broadcaster Application over the Internet is based exclusively on the value of `EntryPackage@bbandEntryPointUrl`, which points directly to the application's main document. The remaining assets that make up the application are loaded by its own implemented logic.

8.2 Installation process

To access the Common Platform's Broadcaster Application, the TV 3.0 AoP implementation:

1. retrieves and validates the current BAMT;

2. retrieves and validates the current SLT;
3. retrieves and validates the current BALD;
4. retrieves the document pointed to by `BALD.EntryPackage@bbandEntryPointUrl`;
5. provides that document for execution as the application's entry point.

Once the retrieval of the above elements completes successfully, the TV 3.0 AoP implementation makes the application available for instantiation by selection in the Application Catalog and by zapping between Bootstrap Applications.

The `BALD.EntryPackage@controlCode` signaling is restricted to the value `AUTOSTART`. Accordingly, this specification does not define persistent installation of the Broadcaster Application, nor persistence of the BALD; each access to the Bootstrap Application therefore retrieves the current BALD and the main document from the signaled URLs.

8.3 Update process

An update takes place when the value of `BAMT.BAM@appVersion` in the current BAMT is higher than the corresponding value of the version currently installed.

In that case, the TV 3.0 AoP implementation consistently replaces:

- the BAMT;
- the SLT;
- the BALD, according to the updated SLT;
- the application's main document, according to the updated BALD;

so that only one valid version of the minimum set required for instantiation of the application remains available.

The update does not make visible any partial state resulting from a retrieval failure, a decompression failure (where applicable), or a syntactic validation failure; the last valid version previously installed is preserved.

8.4 Removal process

For the purposes of this specification, the removal process does not apply, since the `BALD.EntryPackage@controlCode` signaling is restricted to `AUTOSTART`.

Annex A

Signaling fragments

This annex provides the signaling fragments referenced throughout this document. The initial BAMT in A.1 is part of the embedded pre-configuration (see 6.2). The SLT and BALD in A.2 and A.3 are illustrative only, since the actual fragments are obtained from the current signaling.

A.1 BAMT

Initial BAMT, as part of the embedded pre-configuration (see 6.2). It is updated with the current signaling.

```
<?xml version="1.0" encoding="UTF-8"?>
<BAMT xmlns="tag:sbtvd.org.br,2025:XMLSchemas/TV30/Delivery/BAMT/1.0/">
  <BAM globalServiceId="urn:tv30:plataformacomum"
    appVersion="0"
    appName="mais br"
    appDescription="Tudo público em um só lugar"
    backgroundColor="#11172b"
    foregroundColor="#FFFFFF">
    <applcon>
      <svg id="maisbr-icon-1x1" xmlns="http://www.w3.org/2000/svg" version="1.1"
        viewBox="0 0 500 500">
        <defs>
          <style>
            .st0 { fill: #fff; }
            .st1 { fill: #1b8231; }
            .st2 { fill: #212a74; }
            .st3 { fill: #0b405e; }
            .st4 { fill: #246d3a; }
            .st5 { display: none; }
            .st6 { fill: #dcad48; }
            .st7 { fill: #f0b819; }
          </style>
        </defs>
        <g class="st5">
          <polygon class="st7"
            points="1156.4 -6564.5 1343.9 -6845.7 1437.6 -6845.7 1250.1 -6564.5 1156.4 -6564.5"/>
          <path class="st2"
            d="M1343.9-6939.5h0c0,51.8,42,93.8,93.7,93.8h0v-93.8h-93.7Z"/>
          <rect class="st1" x="1156.4" y="-6939.5" width="187.5" height="93.8"/>
        </g>
        <text/>
        <g>
          <rect class="st0" y="0" width="500" height="500"/>
          <g>
            <g>
              <path class="st4"
                d="M271.5,84.8h69.3c18.2,0,33,14.8,33,33v69.3h-102.3v-102.3h0Z"/>
              <path class="st4"
                d="M126.2,230h69.3c18.2,0,33,14.8,33,33v69.3h-102.3v-102.3h0Z"
                transform="translate(354.8 562.3) rotate(-180)"/>
              <path class="st3"
                d="M159.2,84.8h69.3v102.3h-102.3v-69.3c0-18.2,14.8-33,33-33Z"/>
              <path class="st3"
                d="M304.5,230h69.3v102.3h-102.3v-69.3c0-18.2,14.8-33,33-33Z"
                transform="translate(645.2 562.3) rotate(-180)"/>
            </g>
          </g>
        </svg>
      </applcon>
    </BAM>
  </BAMT>
```

```

<path class="st6" d="M228.5,332.3h42.9c0-56.5,45.8-102.3,102.3-102.3h0v-42.9h-103.1c-23.2,0-42.1,18.8-42.1,42.1v103.1Z"/>
<path class="st6" d="M271.5,84.8h-42.9c0,56.5-45.8,102.3-102.3,102.3h0v42.9s103.1,0,103.1,0c23.2,0,42.1-18.8,42.1-42.1v-
103.1Z"/>
</g>
</g>
<g>
<path class="st3" d="M126.2,375.8h9.1v5.2c1.6-2.2,3.4-3.8,5.4-4.8,2-1.1,4-1.6,6.1-1.6s4.9,6.6,6.6,1.7c1.8,1.2,3.1,2.8,4.4,9.3,3.4,4.7,5-
6.6,12.5-6.6s6.7,1.1,8.8,3.2c2.1,2.1,3.1,5.5,3.1,10v26.3h-9.3v-24.7c0-2.7-.5-4.6-1.4-5.6-.9-1-2.3-1.5-4-1.5s-1.9,2-2.9,5c-1,.3-2.9,1.8-.7-7-
1.3,1.5-1.8,2.4-.5-9-7.2-7.3,2v23.9h-9.3v-24.6c0-2.6-.5-4.4-1.4-5.5-.9-1.1-2.3-1.6-4-1.6s-4.1,9-5.9,2.6c-.6,6-1.2,1.4-1.8,2.4-.5,1-.8,2.3-.8,3.8v22.9h-
9.3v-38.3Z"/>
<path class="st3" d="M188.3,403.5c0-2.5,5-4.6,1.6-6.3,1.1-1.7,2.5-3.4,3-3.9,1.8-1,3.9-1.6,6.2-2.1,2.3-.4,4.8-.7,7.3-.8l5.9-.2v-1.4c0-2.7-
.6-4.6-1.7-5.8-1.1-1.2-2.9-1.8-5.4-1.8s-4.3-4-5.4,1.3c-1.2,9-2.2,1-2.4,3.6l-8.3-.7c-.7-3.7,2.4-6.5,5.2-8.2,2.7-1.7,6.5-2.6,11.3-
2.6s9.7,1.3,12.1,3.9c2.4,2.6,3.6,3.6,11.2v24.4h-8.6v-4.7c-1.5,1.7-3.2,3-5.2,4.1-2,1.1-4.4,1.6-7.3,1.6s-7-1-9.5-3c-2.4-2-3.6-4.8-3.6-
8.6ZM197.3,403c0,1.6,5.2,8.1,5.3,8.1,1,2.6,1.4,4.8,1.4s5.5-.8,7.3-2.4c1.8-1.6,2.8-3.8,2.8-6.6v-3.2l-5.4,2c-4.2-1-7.8-8.6,1.9-1.5,1.1-2.3,2.7-
2.3,4.9Z"/>
<path class="st3" d="M231.4,361.3h9.4v8.3h-9.4v-8.3ZM231.5,375.8h9.3v38.3h-9.3v-38.3Z"/>
<path class="st3" d="M272.7,403.5c0-1.3-.4-2.4-1.1-3.2-.7-.9-2.3-1.5-4.6-1.8l-4.6-.7c-4.6-.7-8.1-2-10.3-3-3.7-2.3-1.7-3.4-4.3-3.4-7.9s1.5-
6.5,4.5-8.5c3-2,6.8-3.1,11.6-3.1s6.6,5.8,8.1,4c2.2,9.4,2.2,5.2,3.8,1.2,1.6,2,3.5,2.5,5.7l-8.5,1.1c-.5-1.8-1.4-3.1-2.4-4-1.1-.9-2.9-1.4-5.4-1.4s-4.7,5-
5.7,1.4c-1.1,9-1.6,2-1.6,3.2s,4.2,3,1.2,3.1c,8.8,2.4,1.3,4.8,1.7l5.1,9c4.8,9.8,2.2,2,2,4.2,1.8,3,4.5,3,8s-1.4,6.4-4.1,8.5c-2.7,2.2-6.8,3.2-12.2,3.2s-
9.2-1-12.4-3c-3.2-2-5-5.2-5.3-9.8h8.8c,4.2,2,1.3,3.7,2.8,4.6,1.4,9,3.4,1.3,6,1.3s4.5-.4,5.6-1.3c1.1-.9,1.7-2.1,1.7-3.5Z"/>
<path class="st3" d="M314.2,414.1h-9.1v-52.6h9.3v18.8c1.5-1.8,3.2-3.2,5.2-4.2,2-1.4,2-1.5,6.7-
1.5,5.3,0,9.3,1.8,11.9,5.4,2.7,3.6,4.8,5.4,14.5s-.7,7.9-2,11c-1.4,3.1-3.3,5.5-5.7,7.2-2.5,1.7-5.4,2.5-8.8,2.5s-4.2-.4-6.2-1.3c-2-.9-3.7-2.3-5.2-
4.3v4.5ZM314.3,393.7v2.1c0,4.1,8.7,1.2,5.9,1,1.7,1.9,3.9,2.9,6.7,2.9s4.9-1,6.6-3c1.7-2,2.5-5.3,2.5-10s-.4-5.6-1.2-7.5c-.8-1.8-1.9-3.2-3.2-4-1.3-.8-
2.8-1.2-4.3-1.2-2.8,0-5.2,1-6.9,3-1.8,2-2.7,4.9-2.7,8.5Z"/>
<path class="st3" d="M350.1,375.8h9.1v5.4c2.8-4,6.5-6,11-6s1.3,0,2,0c,6,0,1.2,1,1.7,2l-1.1,8.2c-1.1-.3-2.2-.4-3.5-.4s-2.4,2-3.5,6c-
1.1,4-2.1,1-3.1,1.8-1,8-1.8,1.7-2.3,2.9-.6,1.1-8.2,5-.8,4v21.6h-9.3v-38.3Z"/>
</g>
</g>
</g>
</svg>
</appicon>
<bannericon>
<svg id="maisbr-icon-16x9" xmlns="http://www.w3.org/2000/svg" version="1.1"
viewBox="0 0 1280 720" >
<defs id="defs1" />
<g id="layer1" transform="translate(210.14481,93.756928)"
style="display:inline">
<g id="g1">
<rect style="fill:#ffffff,fill-opacity:1" id="rect1" width="1280"
height="720" x="-210.14481" y="-93.756927" />
<g id="g8-8"
transform="matrix(1.7887786,0,0,1.7887786,-284.89122,-106.8067)">
<path class="st4"
d="m 271.5,84.8 h 69.3 c 18.2,0 33,14.8 33,33 v 69.3 H 271.5 Z"
id="path2-9" style="fill:#246d3a" />
<path class="st4"
d="m 126.2,230 h 69.3 c 18.2,0 33,14.8 33,33 v 69.3 H 126.2 Z"
transform="rotate(180,177.4,281.15)" id="path3-7"
style="fill:#246d3a" />
<path class="st3" d="m 159.2,84.8 h 69.3 V 187.1 H 126.2 v -69.3 c 0,-18.2 14.8,-33 33,-33 z"
id="path4-3" style="fill:#0b405e" />
<path class="st3" d="m 304.5,230 h 69.3 V 332.3 H 271.5 V 263 c 0,-18.2 14.8,-33 33,-33 z"
transform="rotate(180,322.6,281.15)"
id="path5-6" style="fill:#0b405e" />
<g id="g7-1">
<path class="st6" d="m 228.5,332.3 h 42.9 C 271.4,275.8 317.2,230 373.7,230 v 0 -42.9 H 270.6 c -23.2,0 -42.1,18.8 -42.1,42.1 z"
id="path6-2" style="fill:#dcad48" />
<path class="st6" d="m 271.5,84.8 h -42.9 c 0,56.5 -45.8,102.3 -102.3,102.3 v 0 42.9 c 0,0 103.1,0 103.1,0 23.2,0 42.1,-18.8 42.1,-
42.1 z"
id="path7-9" style="fill:#dcad48" />
</g>
</g>
<g id="g13-3"
transform="matrix(1.7887786,0,0,1.7887786,272.91089,-428.25022)">

```

```

<path class="st3" d="m 126.2,375.8 h 9.1 v 5.2 c 1.6,-2.2 3.4,-3.8 5.4,-4.8 2,-1.1 4,-1.6 6.1,-1.6 2.1,0 4.9,0.6 6.6,1.7 1.8,1.2 3.1,2.8
4.4,9 3.3,-4.4 7.5,-6.6 12.5,-6.6 5.0 6.7,1.1 8.8,3.2 2.1,2.1 3.1,5.5 3.1,10 v 26.3 h -9.3 v -24.7 c 0,-2.7 -0.5,-4.6 -1.4,-5.6 -0.9,-1 -2.3,-1.5 -4,-1.5 -
1.7,0 -1.9,0.2 -2.9,0.5 -1.0,3 -2.0,9 -2.9,1.8 -0.7,0.7 -1.3,1.5 -1.8,2.4 -0.5,0.9 -0.7,2 -0.7,3.2 v 23.9 h -9.3 v -24.6 c 0,-2.6 -0.5,-4.4 -1.4,-5.5 -0.9,-1.1 -
2.3,-1.6 -4,-1.6 -1.7,0 -4.1,0.9 -5.9,2.6 -0.6,0.6 -1.2,1.4 -1.8,2.4 -0.5,1 -0.8,2.3 -0.8,3.8 v 22.9 h -9.3 v -38.3 z"
id="path8-1" style="fill:#0b405e" />
<path class="st3" d="m 188.3,403.5 c 0,-2.5 0.5,-4.6 1.6,-6.3 1.1,-1.7 2.5,-3 4.3,-3.9 1.8,-1 3.9,-1.6 6.2,-2.1 2.3,-0.4 4.8,-0.7 7.3,-0.8 l
5.9,-0.2 v -1.4 c 0,-2.7 -0.6,-4.6 -1.7,-5.8 -1.1,-1.2 -2.9,-1.8 -5.4,-1.8 -2.5,0 -4.3,0.4 -5.4,1.3 -1.2,0.9 -2.2,1 -2.4,3.6 l -8.3,-0.7 c 0.7,-3.7 2.4,-6.5 5.2,-
8.2 2.7,-1.7 6.5,-2.6 11.3,-2.6 4.8,0 9.7,1.3 12.1,3.9 2.4,2.6 3.6,6.3 3.6,11.2 v 24.4 H 214 v -4.7 c -1.5,1.7 -3.2,3 -5.2,4.1 -2,1.1 -4.4,1.6 -7.3,1.6 -
2.9,0 -7,-1 -9.5,-3 -2.4,-2 -3.6,-4.8 -3.6,-8.6 z m 9,-0.5 c 0,1.6 0.5,2.8 1.5,3.8 1,1 2.6,1.4 4.8,1.4 2.2,0 5.5,-0.8 7.3,-2.4 1.8,-1.6 2.8,-3.8 2.8,-6.6 V 396
l -5.4,0.2 c -4.2,0.1 -7,0.8 -8.6,1.9 -1.5,1.1 -2.3,2.7 -2.3,4.9 z"
id="path9-9" style="fill:#0b405e" />
<path class="st3" d="m 231.4,361.3 h 9.4 v 8.3 h -9.4 z m 0.1,14.5 h 9.3 v 38.3 h -9.3 z"
id="path10-4" style="fill:#0b405e" />
<path class="st3" d="m 272.7,403.5 c 0,-1.3 -0.4,-2.4 -1.1,-3.2 -0.7,-0.9 -2.3,-1.5 -4.6,-1.8 l -4.6,-0.7 c -4.6,-0.7 -8.1,-2 -10.3,-3.7 -2.3,-
1.7 -3.4,-4.3 -3.4,-7.9 0,-3.6 1.5,-6.5 4.5,-8.5 3,-2 6.8,-3.1 11.6,-3.1 4.8,0 6.6,0.5 8.8,1.4 2.2,0.9 4.2,2.2 5.2,3.8 1.2,1.6 2.3,5 2.5,5.7 l -8.5,1.1 c -0.5,-
1.8 -1.4,-3.1 -2.4,-4 -1.1,-0.9 -2.9,-1.4 -5.4,-1.4 -2.5,0 -4.7,0.5 -5.7,1.4 -1.1,0.9 -1.6,2 -1.6,3.2 0.1,2 0.4,2.3 1.2,3.1 0.8,0.8 2.4,1.3 4.8,1.7 l 5.1,0.9 c
4.8,0.9 8.2,2.2 10.2,4 2.1,8 3.4,5 3.8 0,3.5 -1.4,6.4 -4.1,8.5 -2.7,2.2 -6.8,3.2 -12.2,3.2 -5.4,0 -9.2,-1 -12.4,-3 -3.2,-2 -5,-5.2 -5.3,-9.8 h 8.8 c 0.4,2.2
1.3,3.7 2.8,4.6 1.4,0.9 3.4,1.3 6.1,3 2.6,0 4.5,-0.4 5.6,-1.3 1.1,-0.9 1.7,-2.1 1.7,-3.5 z"
id="path11-7" style="fill:#0b405e" />
<path class="st3" d="m 314.2,414.1 h -9.1 v -52.6 h 9.3 v 18.8 c 1.5,-1.8 3.2,-3.2 5.2,-4.2 2,-1 4.2,-1.5 6.7,-1.5 5.3,0 9.3,1.8 11.9,5.4
2.7,3.6 4.8,5 4,14.5 0.6 -0.7,7.9 -2,11 -1.4,3.1 -3.3,5.5 -5.7,7.2 -2.5,1.7 -5.4,2.5 -8.8,2.5 -3.4,0 -4.2,-0.4 -6.2,-1.3 -2,-0.9 -3.7,-2.3 -5.2,-4.3 v 4.5 z m
0.1,-20.4 v 2.1 c 0.4,1 0.8,7.1 2.5,9.1 1.7,1.9 3.9,2.9 6.7,2.9 2.8,0 4.9,-1 6.6,-3 1.7,-2 2.5,-5.3 2.5,-10 0,-4.7 -0.4,-5.6 -1.2,-7.5 -0.8,-1.8 -1.9,-3.2 -
3.2,-4 -1.3,-0.8 -2.8,-1.2 -4.3,-1.2 -2.8,0 -5.2,1 -6.9,3 -1.8,2 -2.7,4.9 -2.7,8.5 z"
id="path12-8"
style="fill:#0b405e" />
<path class="st3" d="m 350.1,375.8 h 9.1 v 5.4 c 2.8,-4 6.5,-6 11,-6 4.5,0 1.3,0 2.0 0.6,0 1.2,0.1 1.7,0.2 l -1.1,8.2 c -1.1,-0.3 -2.2,-0.4 -
3.5,-0.4 -1.3,0 -2.4,0.2 -3.5,0.6 -1.1,0.4 -2.1,1 -3.1,1.8 -1.0,8 -1.8,1.7 -2.3,2.9 -0.6,1.1 -0.8,2.5 -0.8,4 v 21.6 h -9.3 v -38.3 z"
id="path13-4" style="fill:#0b405e" />
</g>
</g>
</g>
</svg>
</bannerIcon>
<fallbackMediaURLs>
<!-- a ser definido -->
</fallbackMediaURLs>
</BAM>
</BAMT>

```

A.2 SLT (informative)

SLT for illustrative purposes only, since it is obtained from the current signaling.

```

<?xml version="1.0" encoding="UTF-8"?>
<SLT xmlns="tag:atsc.org,2016:XMLSchemas/ATSC3/Delivery/SLT/1.0/"
bsid="0">
<Service serviceId="027"
globalServiceID="urn:tv30:plataformacomum"
sltSvcSeqNum="0"
serviceCategory="30"
configuration="Broadband">
<SvcNetUrl urlType="1">
https://plataformacomum.tv.br/tv30signaling/sls
</SvcNetUrl>
</Service>
</SLT>

```

A.3 BALD (informative)

BALD for illustrative purposes only, since it is obtained from the current signaling.

```
<?xml version="1.0" encoding="UTF-8"?>
<BALD xmlns="tag:sbtvd.org.br,2025:XMLSchemas/TV30/AppSignaling/BALD/1.0/">
  <EntryPackage appContextId="urn:tv30:plataformacomum:mainAppCtx"
    appType="TV30-Ginga-HTML5"
    bbandEntryPointUrl="https://plataformacomum.tv.br/tv30apps/mainApp/v0/index.html"
    appId="urn:tv30:plataformacomum:mainApp"
    appName="mais br"
    controlCode="AUTOSTART">
    <applcon>
      <svg id="main" xmlns="http://www.w3.org/2000/svg" version="1.1"
        viewBox="0 0 500 500">
        <defs>
          <style>
            .st0 { fill: #fff; }
            .st1 { fill: #1b8231; }
            .st2 { fill: #212a74; }
            .st3 { fill: #0b405e; }
            .st4 { fill: #246d3a; }
            .st5 { display: none; }
            .st6 { fill: #dcad48; }
            .st7 { fill: #f0b819; }
          </style>
        </defs>
        <g class="st5">
          <polygon class="st7"
            points="1156.4 -6564.5 1343.9 -6845.7 1437.6 -6845.7 1250.1 -6564.5 1156.4 -6564.5"/>
          <path class="st2"
            d="M1343.9-6939.5h0c0,51.8,42,93.8,93.7,93.8h0v-93.8h-93.7Z"/>
          <rect class="st1" x="1156.4" y="-6939.5" width="187.5" height="93.8"/>
        </g>
        <text/>
        <g>
          <rect class="st0" y="0" width="500" height="500"/>
          <g>
            <g>
              <path class="st4"
                d="M271.5,84.8h69.3c18.2,0,33,14.8,33,33v69.3h-102.3v-102.3h0Z"/>
              <path class="st4"
                d="M126.2,230h69.3c18.2,0,33,14.8,33,33v69.3h-102.3v-102.3h0Z"
                transform="translate(354.8 562.3) rotate(-180)"/>
              <path class="st3"
                d="M159.2,84.8h69.3v102.3h-102.3v-69.3c0-18.2,14.8-33,33Z"/>
              <path class="st3"
                d="M304.5,230h69.3v102.3h-102.3v-69.3c0-18.2,14.8-33,33Z"
                transform="translate(645.2 562.3) rotate(-180)"/>
            </g>
            <path class="st6" d="M228.5,332.3h42.9c0-56.5,45.8-102.3,102.3-102.3h0v-42.9h-103.1c-23.2,0-42.1,18.8-42.1,42.1v103.1Z"/>
            <path class="st6" d="M271.5,84.8h-42.9c0,56.5-45.8,102.3-102.3,102.3h0v42.9s103.1,0,103.1,0c23.2,0,42.1-18.8,42.1-42.1v-
103.1Z"/>
          </g>
        </g>
        <g>
          <path class="st3" d="M126.2,375.8h9.1v5.2c1.6-2.2,3.4-3.8,5.4-4.8,2-1.1,4-1.6,6.1-1.6s4.9,6.6,6.1,7c1.8,1.2,3.1,2.8,4.4,9.3,3.3-4.4,7.5-
6.6,12.5-6.6s6.7,1.1,8.8,3.2c2.1,2.1,3.1,5.5,3.1,10v26.3h-9.3v-24.7c0-2.7-.5-4.6-1.4-5.6-.9-1-2.3-1.5-4-1.5s-1.9,2-2.9,5c-1,.3-2,.9-2.9,1.8-.7-7-
1.3,1.5-1.8,2.4-.5-9-7.2-.7,3.2v23.9h-9.3v-24.6c0-2.6-.5-4.4-1.4-5.5-.9-1.1-2.3-1.6-4-1.6s-4.1,9.5,9,2.6c-.6-6-1.2,1.4-1.8,2.4-.5,1-1.8,2.3-.8,3.8v22.9h-
9.3v-38.3Z"/>
          <path class="st3" d="M188.3,403.5c0-2.5,5-4.6,1.6-6.3,1.1-1.7,2.5-3.4,3-3.9,1.8-1,3.9-1.6,6.2-2.1,2.3-.4,4.8-.7,7.3-.8l5.9-.2v-1.4c0-2.7-
.6-4.6-1.7-5.8-1.1-1.2-2.9-1.8-5.4-1.8s-4.3-4-5.4,1.3c-1.2-9-2.2,1-2.4,3.6l-8.3-.7c-7-3.7,2.4-6.5,5.2-8.2,2.7-1.7,6.5-2.6,11.3-
2.6s9.7,1.3,12.1,3.9c2.4,2.6,3.6,6.3,3.6,11.2v24.4h-8.6v-4.7c-1.5,1.7-3.2,3-5.2,4.1-2,1.1-4.4,1.6-7.3,1.6s-7-1-9.5-3c-2.4-2-3.6-4.8-3.6-
8.6ZM197.3,403c0,1.6,5.2,8,1.5,3.8,1,1.2,6,1.4,4.8,1.4s5.5-.8,7.3-2.4c1.8-1.6,2.8-3.8,2.8-6.6v-3.2l-5.4,2c-4.2-1-7,8-8.6,1.9-1.5,1.1-2.3,2.7-
2.3,4.9Z"/>
          <path class="st3" d="M231.4,361.3h9.4v8.3h-9.4v-8.3ZM231.5,375.8h9.3v38.3h-9.3v-38.3Z"/>
          <path class="st3" d="M272.7,403.5c0-1.3-4-2.4-1.1-3.2-7-9-2.3-1.5-4.6-1.8l-4.6-.7c-4.6-.7-8.1-2-10.3-3.7-2.3-1.7-3.4-4.3-3.4-7.9s1.5-
6.5,4.5-8.5c3-2,6.8-3.1,11.6-3.1s6.6,5.8,8,1.4c2.2,9,4,2.2,5.2,3.8,1.2,1.6,2,3.5,2.5,5.7l-8.5,1.1c-.5-1.8-1.4-3.1-2.4-4-1.1-.9-2.9-1.4-5.4-1.4s-4.7-5-

```

5.7,1.4c-1.1.9-1.6,2-1.6,3.2s.4,2.3,1.2,3.1c.8.8,2.4,1.3,4.8,1.7I5.1.9c4.8.9,8.2,2.2,10.2,4,2,1.8,3,4.5,3.8s-1.4,6.4-4.1,8.5c-2.7,2.2-6.8,3.2-12.2,3.2s-9.2-1-12.4-3c-3.2-2-5-5.2-5.3-9.8h8.8c.4,2.2,1.3,3.7,2.8,4.6,1.4.9,3.4,1.3,6,1.3s4.5-.4,5.6-1.3c1.1-.9,1.7-2.1,1.7-3.5Z"/>
<path class="st3" d="M314.2,414.1h-9.1v-52.6h9.3v18.8c1.5-1.8,3.2-3.2,5.2-4.2,2-1,4.2-1.5,6.7-1.5,5.3,0,9.3,1.8,11.9,5.4,2.7,3.6,4,8.5,4,14.5s-.7,7.9-2,11c-1.4,3.1-3.3,5.5-5.7,7.2-2.5,1.7-5.4,2.5-8.8,2.5s-4.2-.4-6.2-1.3c-2-.9-3.7-2.3-5.2-4.3v4.5ZM314.3,393.7v2.1c0,4.1,8.7,1.2,5.9,1,1.7,1.9,3.9,2.9,6.7,2.9s4.9-1,6.6-3c1.7-2,2.5-5.3,2.5-10s-.4-5.6-1.2-7.5c-.8-1.8-1.9-3.2-3.2-4-1.3-.8-2.8-1.2-4.3-1.2-2.8,0-5.2,1-6.9,3-1.8,2-2.7,4.9-2.7,8.5Z"/>
<path class="st3" d="M350.1,375.8h9.1v5.4c2.8-4,6.5-6,11-6s1.3,0,2,0c.6,0,1.2,1,1.7,2l-1.1,8.2c-1.1-.3-2.2-.4-3.5-.4s-2.4,2-3.5,6c-1.1,4-2.1,1-3.1,1.8-1,.8-1.8,1.7-2.3,2.9-6,1.1-.8,2.5-.8,4v21.6h-9.3v-38.3Z"/>
</g>
</g>
</g>
</svg>
</applcon>
</EntryPackage>
</BALD>

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