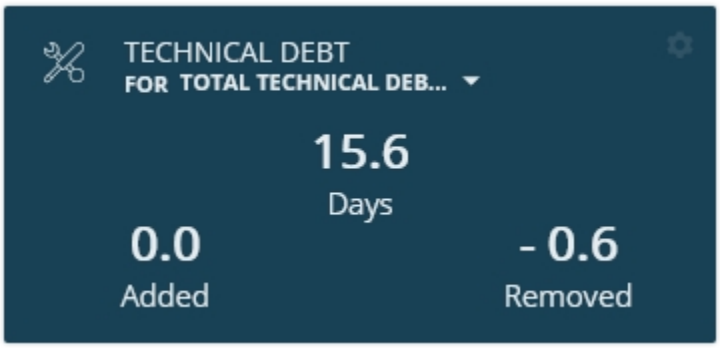
OMG Technical Debt tile

This tile:

- needs to be configured manually in **CAST Engineering Dashboard 2.3.1** (in later releases it is available out of the box)
- requires the **OMG Technical Debt** extension to be installed - if the extension is not installed, the tile will display N/A for values

OMG Technical Debt tile is available out of the box (in **2.3.1**) displaying the **Total Technical Debt (OMG) in days** for the current Application, as well as **Added** and **Removed OMG Technical Debt in days** for the current snapshot:



Configuration

- **type**: tile type has to be *OMGTechnicalDebt*
- **parameters**:
  - **business**: can be set to:
    - **1061000 (based on ISO-5055 index, installed by default in AIP Console)** only for **version 2.x** of the extension
    - **60017 (based on TQI from AIP Core)** only for **version 2.x** of the extension
    - **1062100 (based on CISQ Index)** for any release of the extension (requires that the **CISQ Index** is installed)
- **color**: tile color
- other parameters for sizing and positioning of the tile - see **Tile Sizing and Positioning**.

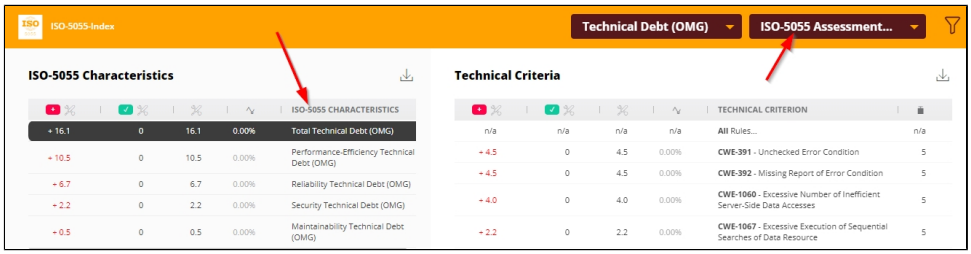
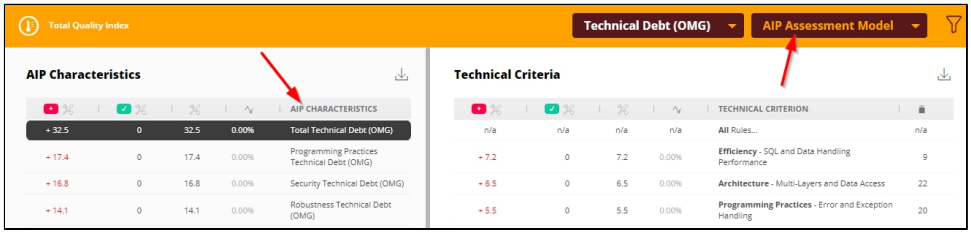
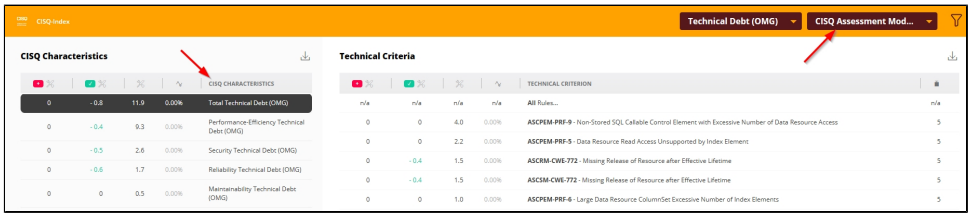
Example

```
For v.  2.x based on ISO-5055 Index (default configuration):

{
        "type":"OMGTechnicalDebt",
        "parameters":{
                "business":"1061000" },
        "color":"blue-dark",
        "col":1,
        "row":4,
        "sizex":2,
        "sizey":1,
        "min-sizex":1,
        "min-sizey":1,
        "max-sizey":1,
        "max-sizex":2
},

For v.  2.x based on AIP Core TQI:

{
        "type":"OMGTechnicalDebt",
        "parameters":{
                "business":"60017" },
        "color":"blue-dark",
        "col":1,
        "row":4,
        "sizex":2,
        "sizey":1,
        "min-sizex":1,
        "min-sizey":1,
        "max-sizey":1,
        "max-sizex":2
},

For v.  2.x based on CISQ Index data:

{
        "type":"OMGTechnicalDebt",
        "parameters":{
                "business":"1062100" },
        "color":"blue-dark",
        "col":1,
        "row":4,
        "sizex":2,
        "sizey":1,
        "min-sizex":1,
        "min-sizey":1,
        "max-sizey":1,
        "max-sizex":2
},


For v. 1.x:

{
        "type":"OMGTechnicalDebt",
    "parameters":{
        "business":"1062100"
         },
     "color":"orange",
     "col":7,
     "row":1,
     "sizex":2,
     "sizey":1,
     "min-sizex":1,
     "min-sizey":1,
     "max-sizey":1,
     "max-sizex":2,
},
```

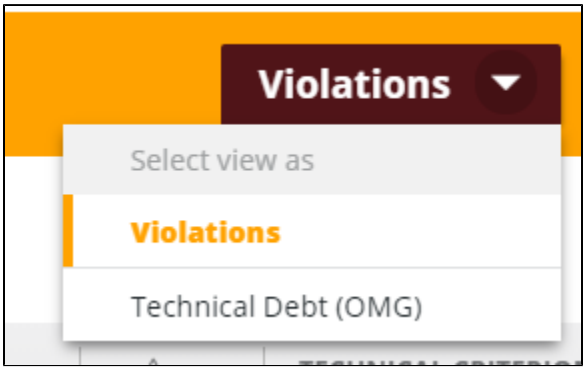
Drill down behaviour

Clicking this tile will drill down to the **Risk investigation view** with **Technical Debt (OMG) with** the **ISO-5055 Assessment Model** selected. If the tile has been manually edited and re-configured to show either **TQI (AIP Core)** or **CISQ Index** data, the drill down will also change as shown below:

Click to enlarge

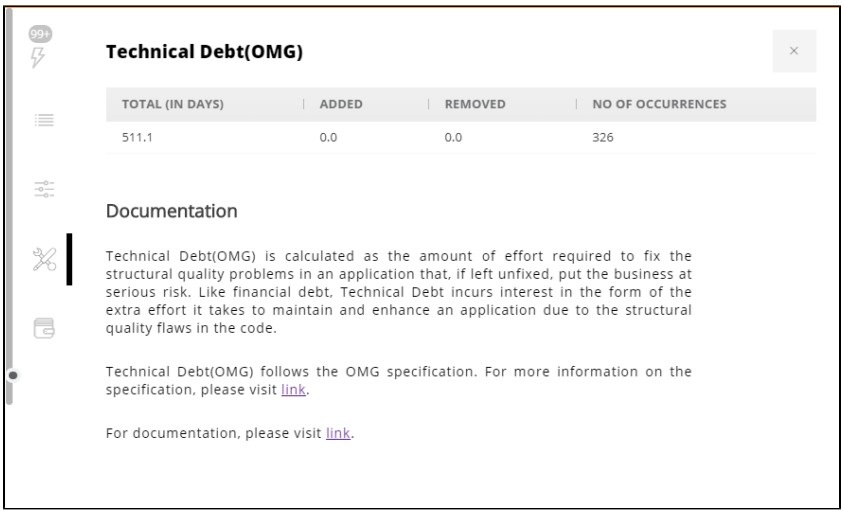
ISO-5055 data (default)	
TQI data (AIP Core)	
CISQ Index data	

You can also switch to showing **Violations** instead of **Technical Debt (OMG) values** from the drop-down list:



In the rule details section, there is a dedicated section called "Technical Debt (OMG)", which will show the details (Total, Added, Removed, and No. of occurrences):

Click to enlarge



In the source code view, a Technical Debt (OMG) section is displayed, showing object level details on the Adjustment Factor, Unadjusted Effort (in mins) and Adjusted Efforts (in mins):

Click to enlarge