

2018-2 RELEASE NOTES

NEW FEATURES, CHANGES AND ENHANCEMENTS

MEDIA MINING CLIENT FOR WEB

- **License restriction** for MMC-Web
- **Nested communication threads** view for Twitter, Facebook, etc.
- **Saved queries** from MMC can now be used as filters in MMC-Web

DASHBOARD

- **Local detail queries** for dashboard widgets can be **combined** with the current **global query**
 - Note: Date constraints in local detail queries override a global date constraint
- **Local detail queries** for dashboard widgets provide the same **filter controls UI** as the global search query
 - Note: Using XML query parameters in dashboard widgets is no longer supported
 - Note: Existing local detail queries from previous release versions will continue to work, but can't be edited by the new filter controls
- The **gauge widget** displaying the number of results for a given query, now supports defining **colors** for number **ranges**
- The **search results** and media search results widgets now support result **sort orders** by date, sentiment, relevancy and potential reach
- The **search results** and media search widgets now show a "**sensitive content**" layer over images that are marked as potentially sensitive
- When creating a **new dashboard**, the user can now choose to create an **empty dashboard** with no widgets or a dashboard populated with default widgets
- **Statistics widget** now optionally shows a column indicating the **change in percent** compared to the previous time period
- The **relation widget** supports adding a **near query** to the global filters by double-clicking a relation
- Dashboards with **unlocked layout** now also show the **maximize buttons** on the widgets
- **Widgets** can now be **duplicated** if the dashboard is unlocked
- **Map widgets** show a **zoom** slider and **scale** indicator
- **Search results** and media search results are **highlighted** when opened in the **document viewer**
- **Document viewer** widget provides an **action menu** for the story or a selection, offering:
 - **On-demand translation** of story content via context menu
 - Machine translation engine needs to be configured
 - **Download** of media and/or text content
- **Document viewer** widget scrolls to the position of the first **highlighted search term** when opening a document
- Improved **layout of document headers** in document viewer widget
- **Pie charts** in MMC-Web widgets now allow for adding **custom named entities**.



FULLY AUTOMATIC QUANTITATIVE REPORTS

- **License restriction** for fully automatic quantitative reports
- **Local detail queries** for report widgets can be **combined** with the **global report query**
 - Note: Date constraints in local detail queries override a global date constraint
- **Local detail queries** for report widgets, as well as the **report query settings** provide the same **filter controls UI** as the global search query
 - Note: Using XML query parameters in dashboard widgets is no longer supported
 - Note: Existing local detail queries will continue to work, but can't be edited by the new filter controls
- **Reports** can be **cloned** to new reports
- **Report** design and preview modes have been combined into one layout, providing better **user experience** for creating and editing large reports:
 - Add **new widgets above or below** existing widgets
 - **Move widgets** up or down
 - **Drag and drop widgets** to the desired position in the report
 - **Collapse widgets** to keep better overview of the whole report
 - Use the new **row widget** to arrange multiple widgets side-by-side
 - Columns can be defined in the settings of the row widget
- **Generate and download** a report **on-the-fly** using the “Generate report” menu option
- **Report PDFs** have now **clickable links** for stories and profiles, opening them in the browser
- **Widget settings** now always open as **full-size dialogs**, allowing for more convenience when editing the options
- Improve **sentiment colors** in **relations widgets** to be better visible in rendered PDF reports

SOCIAL MEDIA EXTENSION

- **Bot classification**
 - Twitter user details show a bot factor, i.e. the likelihood of this user being a bot
- **Twitter replies** are now supported as relations in **social media relations** widget

CONFIGURATION AND ADMINISTRATION

- System definition allows to specify **custom upload paths** and **Kafka upload targets** for Media Mining Feeder
- **Web collection scheduler** provides new fields to define SSL verification mode, HTTP headers and HTTP timeout
- The default **Nagios observation** period for web collection projects was changed from 2 days to 5 days
- Support for scheduling Dark Web projects for the IPS/Medusa collector

OVERALL UI CHANGES

- **Unified sentiment display** to ranges from -100 to +100 across all components and user interfaces
- **Displaying flags** in the globe visualization of MMC and the globe widget of MMC-Web is now **disabled** by default, for improved rendering performance



MEDIA MINING FEEDER

- Support for **custom upload paths** for XML uploads
- Support XML upload directly to **Kafka targets**

DATA SOURCES AND COLLECTION

- **WEB COLLECTION**
 - Add timeout functionality
 - Changeable settings of HTTP headers
 - Ability to clear connection cache
 - Multiple regExp for XML Cleaning
- **TWITTER COLLECTION**
 - Optimized preprocessor sequence for improved throughput
 - Collection of Twitter user's follower and friends
 - added some additional properties (in_reply_to_screen_name, truncated, quoted_status_id)
 - calculation of botFactor for selected Twitter users
- **WHATSAPP COLLECTION**
 - Integration of whatsatool (for WhatsApp group discussions)
- **FACEBOOK COLLECTION**
 - Comments to comments are collected now
 - Ability for configuration of multiple access tokens
- **OTHER SOURCES**
 - IPS/Medusa Dark Web (Generic Tor) projects for Dark Web Forum access

TEXT MINING INDEXER

- IPS/Medusa Dark Web (Generic Tor) projects for Dark Web Forum access
- Improved and extended language identification of content
- Add Sentiment analysis for pl, id, ms, pt and it
- changed upload process (Kafka upload)
- add and improve text models for following languages: ur_pk, ps_af, nl_nb, bg_bg, hr_hr

MEDIA MINING INDEXER

- MMI 7.4 (extended logging, improved real-time behavior, minor bug-fixes, pay-per-use licensing extension, improved handling of non-speech segments,
- Improved automatic speech recognition models for French, Greek, Norwegian, Mandarin Chinese, Polish, and Russian
- Improved and extended LMT (7.4)
- Extensions and corrections of profiles and ontologies



MEDIA MINING SERVER AND API

- **Search term translation** has now **phrase support** for both dictionary and profile translation lookups
 - Using quotation marks in the search query, e.g. "Lower Austria", will use the whole phrase for dictionary or profile translation lookup, rather than translating the individual words
 - Note: Profile translation lookups are case-sensitive
- **Date constraints** honor the **time zone** if it is supplied
- **Pie chart** search executor now supports adding additional profile ids, for which the counts should be accumulated

CRISIS ROOM AND PERSONAL SITUATION CENTER

- Provide menu option to show the application version information

MEDIA MINING CLIENT FOR WEB

- Fix some design, theme and layout glitches
- Fix that some languages could be missing from the language filter drop-down
- Fix some glitches editing local widget query parameters
- Don't auto-update dashboards while the browser is minimized
- Fixed opening profiles from the report editor
- Fix bug when adding edges in ontology editor, that caused no edge to be shown and edit mode not being disabled
- Fix automatic reports view showing a loading indicator when creating a new report until a widget is added
- Fix bug playing videos from twitter in Firefox web browser
- Fix key opinion leader statistics widget showing asterisks in column headers, indicating non-existing foot notes
- Fix double-click on group headers of the statistics widget opening empty page
- Cron-job control for automatic reports allows for selection of only one value for the minutes part to reduce the user's confusion
- Fix clicking tabs of profile view in Arabic UI, which triggered the login page to be shown
- Fix layout issues in profile templates and schema in Arabic UI
- Fix editing titles of information sources for a profile in profile manager
- Fix date picker in profile creation dialog showing NaN values when creating mandatory date-typed properties
- Fix custom NED selector in trend widget settings
- Search results and documents show a more user friendly message if an attached image or media cannot be loaded from the storage, because it is not yet/anymore available, instead of showing "Err. Media is not available"
- Fix wrong profile relation label being selected in the editor dialog when editing an existing profile relation
- Remove source and program profile types from trend widget settings, as they wouldn't give results
- Fix automatic report filenames containing the word "false" when it's a public report
- Fix large images being cut off in PDF rendered report

MEDIA MINING CLIENT FOR DESKTOP

- Fix unresolved profile IDs in OSInfl viewer
- Fix search results showing "Loading more results" when the query returned no results
- Fix downloading media from stories in the embedded dashboard
- Fix opening stories in embedded dashboard if no document viewer widget is in the dashboard
- Fix opening profiles in ontology viewer in certain cases
- Fix followed hashtag and accounts box in Twitter scheduler showing "Invalid space character in entry" after adding a new entry
- Fix Right-To-Left layout changing back to Left-To-Right after switching between workspaces in Arabic UI
- Fix missing space between search query and detail query in the query summary below the search input field
- Fix column header in episode explorer showing "Source" instead of "Source Type"



- Story download dialog prefills file name instead of showing blank filename
- Fix stories showing the wrong sentiment in certain cases
- Fix date operator causing an application crash when used with absolute date expressions
- Fix application hanging when reloading user administration component
- Fix SME user pages not showing resolved username in tab title
- Fix SME not honoring detail search clauses such as profile queries

MEDIA MINING SERVER

- Fix MMC log-in, which could cause sever timeouts in some situations
- Fix profile cache synchronization of MMC if large sets of profiles need to be synchronized
- Fix default source and program profiles being missing after a fresh installation
- Fix search operator user: failing because of internal limits being hit