

5.0.0

Release Date	2021-01-13
Issues	180 issues
Status	SUPPORTED DEVELOPMENT
End of Life Date	2022-01-13

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Summary

This is a feature release for 5.0.0. This page will be updated to include tasks completed in subsequent betas as well as the final release.



It's recommended that you do not upgrade directly to 5.0.0, but to 5.0.1 or newer. 5.0.1 addresses some commonly encountered issues with upgrading.

Important highlights from this release

1. Increased system requirements and removed deprecated code and superfluous libraries.
2. Upgraded to Bootstrap v4, and Font Awesome v5.
3. Added a new Navigation Editor. Staff, Client, and Public navigation items can be sorted, added, or removed.
4. Added support for uploading a logo for use in the Staff and Client areas.
5. The Staff area was improved for mobile devices.
6. Added support for VAT verification through VIES.
7. Added emoji support system-wide, updating the character set from utf8 to utf8mb4.
8. Session names can now be renamed in the config file. Useful for multiple Blesta install on the same domain.
9. Order Received and Order Received (Mobile) email templates now include additional tags for Address 2, City, State/Province, Zip/Postal Code, and Country.
10. File based monologs generated by the cron are now named differently.
11. Twilio updated to use the latest SDK.
12. Updated the PostalMethods integration to use their new API for postal delivery of invoices.
13. SolusVM updated to add support for noVNC console.
14. Much more...

Developer Migration Guide for Blesta 5.0

Deprecated Functionality

Much deprecated functionality has been removed, see a deprecation list here <https://docs.blesta.com/display/dev/Deprecated+Functionality>

Highlighted Removals

- Events - Replaced by `\Blesta\Core\Util\Events`, see examples at <https://docs.blesta.com/display/dev/Creating+Events>
- Json - Use native PHP functions `json_encode` and `json_decode`
- `Blesta\Core\Util\Events\Common\AbstractEvent::getReturnVal`, replaced by `AbstractEvent::getReturnValue`
- `Blesta\Core\Util\Events\Common\AbstractEvent::setReturnVal`, replaced by `AbstractEvent::setReturnValue`
- `Invoices::calcLineTotals` and `Invoices::getItemTotals`, see `Blesta\Core\Pricing` [<http://source-docs.blesta.com/package-blesta.core.Pricing.html>]

New Actions/Navigation

- All current Plugin action functionality remains backward compatible, but it is preferable to use the new models/methods/arguments.
- A new Actions model has been added which allows you to create widget inclusions, client profile action links, and "potential" navigation items
- The 'action' and 'uri' properties of items returned by `Plugin::getActions` have been replaced by 'location' and 'url' respectively
- The 'action' values 'nav_primary_staff', 'nav_secondary_staff', 'nav_primary_client', and 'nav_secondary_client' have been replaced by the location values 'nav_staff', 'nav_client', and 'nav_public'
- Actions returned by `Plugin::getActions` will automatically be added to the end of their respective navigation menus
- `Plugin::getActions` can now determine navigation hierarchy using the 'parent_url' property to place an item under the appropriate parent item

Updated UI Libraries

- Bootstrap 4 <https://getbootstrap.com/docs/4.0/migration/>
- Font awesome 5 <https://fontawesome.com/how-to-use/upgrading-from-4/>
- jQuery 3 <https://jquery.com/upgrade-guide/3.0/>
- CKEditor 5 <https://ckeditor.com/docs/ckeditor5/latest/index.html>
 - New Blesta jQuery method `.blestaBindWysiwygEditor(options)` replaces `.ckeditor(callback, options)` and handles default configuration
 - Current loading of the js files 'blesta/ckeditor/ckeditor.js' and 'blesta/ckeditor/adapters/jquery.js' should be replaced with a single load of 'blesta/ckeditor/build/ckeditor.js'

Hotfix Notice



Hotfix Notice

Blesta no longer supports versions older than PHP 7.2, so there is no longer a need to ship hotfixes.

Files and Directories Removed as of 5.0 from earlier versions

Not all of these files and directories existed in 4.12, but none of them are included in 5.0 and the upgrader will attempt to delete them if they exist.

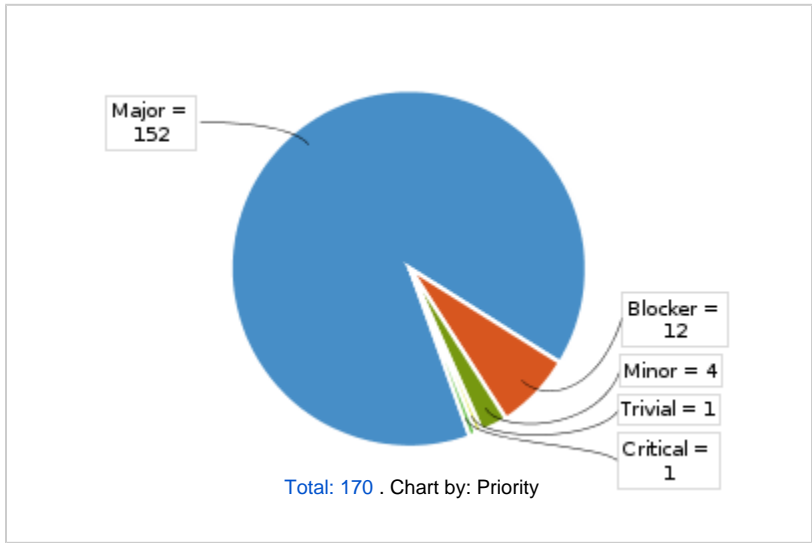
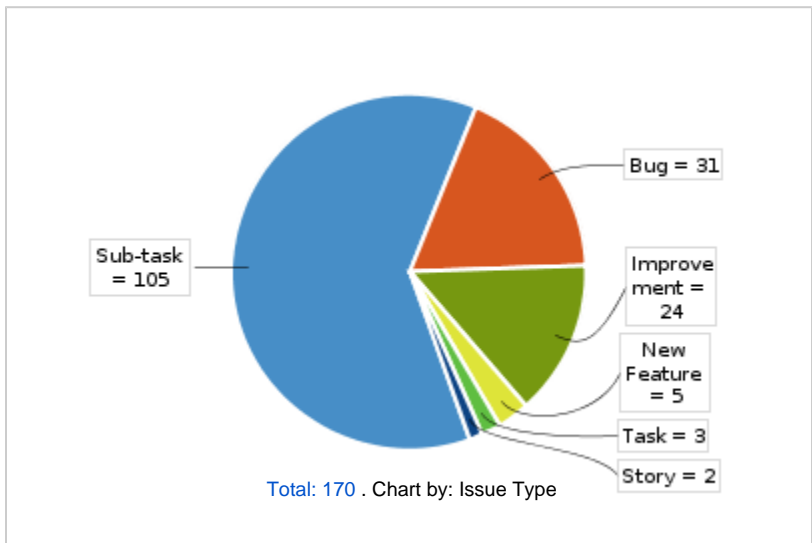
Directories Removed

- /app/views/default/javascript/jqplot
- /components/gateways/nonmerchant/_2checkout
- /components/acl
- /components/input
- /components/events
- /components/json
- /components/pricing_presenter
- /components/record
- /components/session
- /helpers/areyouahuman
- /helpers/date
- /helpers/form
- /helpers/html
- /helpers/javascript
- /helpers/pagination
- /helpers/recaptcha
- /helpers/xml
- /vendors/amazons3
- /vendors/binary-to-text-php
- /vendors/ckeditor
- /vendors/consoleation
- /vendors/fugue_icons
- /vendors/fullcalendar/fullcalendar
- /vendors/fullcalendar/jquery
- /vendors/h2o
- /vendors/jqplot
- /vendors/json
- /vendors/maxmind/geoip
- /vendors/parsedown
- /vendors/phpass
- /vendors/phpunit/dbunit
- /vendors/phpseclib/Crypt
- /vendors/phpseclib/File
- /vendors/phpseclib/Math
- /vendors/phpseclib/Net
- /vendors/phpseclib/System
- /vendors/php-markdown
- /vendors/sshterm-applet
- /vendors/swiftmailer/lib
- /vendors/tcpdf
- /vendors/vcard

Files Removed




































- /app/views/admin/default/javascript/jquery-1.8.3.min.js
- /app/views/admin/default/javascript/jquery.qtip.js
- /app/views/admin/default/fonts/fontawesome-webfont.eot
- /app/views/admin/default/fonts/fontawesome-webfont.svg
- /app/views/admin/default/fonts/fontawesome-webfont.ttf
- /app/views/admin/default/fonts/fontawesome-webfont.woff
- /app/views/admin/default/fonts/fontawesome-webfont.woff2
- /app/views/admin/default/fonts/FontAwesome.otf
- /app/views/client/bootstrap/fonts/fontawesome-webfont.eot
- /app/views/client/bootstrap/fonts/fontawesome-webfont.svg
- /app/views/client/bootstrap/fonts/fontawesome-webfont.ttf
- /app/views/client/bootstrap/fonts/fontawesome-webfont.woff
- /app/views/client/bootstrap/fonts/fontawesome-webfont.woff2
- /app/views/client/bootstrap/fonts/FontAwesome.otf
- /lib/cache.php
- /lib/configure.php
- /lib/controller.php
- /lib/dispatcher.php
- /lib/language.php
- /lib/loader.php
- /lib/model.php
- /lib/router.php
- /lib/stdlib.php
- /lib/unknown_exception.php
- /lib/view.php
- /vendors/html2text/html2text.class.php
- /vendors/phpseclib/openssl.cnf
- /vendors/swiftmailer/CHANGES
- /vendors/swiftmailer/LICENSE





















- /vendors/swiftmailer/README
- /vendors/swiftmailer/VERSION



All updates for this release (May be limited to first 200)

T	Key	Summary	Status	Resolution
	CORE-4516	Authorize.net new gateway using Accept.js API for reduced PCI	IN REVIEW	Fixed
	CORE-4512	Add an option to append package descriptions to invoice line items.	CLOSED	Fixed
	CORE-4223	Order: Config option logic	CLOSED	Fixed
	CORE-4202	Config option logic validation	CLOSED	Fixed
	CORE-4201	Config option logic configuration page	CLOSED	Fixed
	CORE-4200	Config option logic display	CLOSED	Fixed
	CORE-4199	Config option logic database changes	CLOSED	Fixed

	CORE-4181	Exception when entering OTP code more than 16 characters	CLOSED	Fixed
	CORE-4121	Clicking the Add Contact link in the client area results in a 404	CLOSED	Fixed
	CORE-4120	Editing a contact as a client sometimes produces an error.	CLOSED	Duplicate
	CORE-4119	Editing a contact as a client does not show permissions if enabled for login	CLOSED	Fixed
	CORE-4118	Multiple FIVE themes created during upgrade	CLOSED	Fixed
	CORE-4116	Make action migration more robust	CLOSED	Fixed
	CORE-4115	Support Manager: Clients cannot close tickets	CLOSED	Fixed
	CORE-4114	Logo fetching may use undefined function	CLOSED	Fixed
	CORE-4112	Support Manager: Attachment dropzone extends far above intended	CLOSED	Fixed
	CORE-4111	Add CKEditor HTML Embed plugin	CLOSED	Fixed
	CORE-4109	Staff navigation may show multiple active items	CLOSED	Fixed
	CORE-4098	Client Profile Client ID missing link	CLOSED	Fixed
	CORE-4097	Package "Load Sample Email" button loads text but not HTML welcome email	CLOSED	Fixed
	CORE-4095	Look and Feel > Customize > Client and Staff tabs hand on hover	CLOSED	Fixed
	CORE-4094	Look and Feel > Customize logo url not working	CLOSED	Fixed
	CORE-4093	Object passed instead of string to json_decode()	CLOSED	Won't Fix
	CORE-4090	Support Manager: When searching tickets, search notes	CLOSED	Fixed
	CORE-4089	Reordering nav item with sub-items causes them to be unmarked	CLOSED	Fixed
	CORE-4088	Disabled widgets get listed in the "Manage Widgets" modal	CLOSED	Fixed
	CORE-4087	Order: Affiliate activation adds link to primary staff nav	CLOSED	Fixed
	CORE-4086	Add Discord invite link to Help Resources	CLOSED	Fixed
	CORE-4083	Support Manager: Client knowledge base "empty" info box not full-width	CLOSED	Fixed
	CORE-4082	Default client svg logo displayed large in preview	CLOSED	Fixed
	CORE-4081	Navigation bar empty on additional companies	CLOSED	Fixed
	CORE-4079	Look and Feel > Customize radio option format	CLOSED	Fixed
	CORE-4078	Client card text color picker defaults to wrong color	CLOSED	Fixed
	CORE-4077	Changing logo url on selected theme should update header	CLOSED	Fixed
	CORE-4075	Fatal error when visiting Settings > Company > Automation page	CLOSED	Fixed
	CORE-4074	Tables are still created with utf8_unicode instead of utf8mb4_unicode	CLOSED	Fixed
	CORE-4072	Editing a payment account can sometimes result in an error	CLOSED	Fixed
	CORE-4071	cPanel: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4070	Import Manager: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4069	Extension Generator: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4068	System Overview: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4065	Order: Update to use new action model for updating nav for affiliate system	CLOSED	Fixed

	CORE-4062	VPS.NET: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4061	SolusVM: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4060	Plesk: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4059	Namesilo: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4058	Multicraft: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4057	Direct Admin: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4054	Support Manager: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4052	Universal Module: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4051	Order: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4050	Mass Mailer: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4049	Billing Overview: Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4046	Remove deprecated code for v5.0	CLOSED	Fixed
	CORE-4044	Update the PostalMethods paper integration to use their new API	CLOSED	Fixed
	CORE-4043	Email verification redirect may lead to a 404	CLOSED	Fixed
	CORE-4042	Support Manager: Dropzone is broken when using /index.php/ in URLs	CLOSED	Fixed
	CORE-4041	Order: order_forms order column not added on install	CLOSED	Fixed
	CORE-4035	NameSilo: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4033	Additional invoice lines explosion.	CLOSED	Fixed
	CORE-4032	Client cards do not pull in text color from plugin	CLOSED	Fixed
	CORE-4030	Expand icon showing incorrectly on config option page	CLOSED	Fixed
	CORE-4018	System Status: File permission check will fail on parent directory .. if it is not owned by the same user	CLOSED	Fixed
	CORE-4012	IP Unblocker: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4011	Download Manager: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4010	Client Documents: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4009	Support Manager: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4008	Portal: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4007	Order: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4006	Client Cards: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4005	WHMSonic: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4004	Vultr: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4003	VPS.NET: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4002	VirtualMin: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4001	Vesta: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-4000	TheSSLStore: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3999	TeamSpeak: Upgrade Bootstrap to v4.0+	CLOSED	Fixed

	CORE-3998	Tcadmin: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3997	SolusVM: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3996	Pterodactyl: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3995	Proxmox: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3994	Plesk: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3993	Namecheap: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3992	Multicraft: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3991	LogicBoxes: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3990	ISPmanager: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3989	ISPConfig: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3988	Interworx: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3987	GoGetSSL: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3986	Enom: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3985	DirectAdmin: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3984	CyberPanel: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3983	CWatch: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3982	cPanel: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3981	CentovaCast: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3980	CentOS Web Panel: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3979	Blesta License: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3978	ApisCP: Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-3975	Import Manager: Add additional error handling	CLOSED	Fixed
	CORE-3974	Invoice creation ignores currency precision.	CLOSED	Fixed
	CORE-3971	Nav Building Interface	CLOSED	Fixed
	CORE-3970	Action Creation Interface	CLOSED	Fixed
	CORE-3969	Navigation Customization Model Changes	CLOSED	Fixed
	CORE-3968	Navigation Customization Migrations	CLOSED	Fixed
	CORE-3967	Navigation Customization Tables	CLOSED	Fixed
	CORE-3966	Navigation Customization	CLOSED	Fixed
	CORE-3963	Order: Sort order forms	CLOSED	Fixed
	CORE-3962	Add ability to upload theme logo	CLOSED	Fixed
	CORE-3961	Pterodactyl: Add backups package field	CLOSED	Fixed
	CORE-3955	ISPManager: Remove username format restriction for starting with a letter	CLOSED	Fixed
	CORE-3949	Square: Update checkout API parameters	CLOSED	Fixed
	CORE-3936	System Status: Update log file ownership check	CLOSED	Fixed

	CORE-3935	Use alternate name for monolog files created by cron	CLOSED	Fixed
	CORE-3932	Download Manager: Upgrade jQuery	CLOSED	Fixed
	CORE-3924	Add emoji dropdown everywhere ckeditor is used	CLOSED	Fixed
	CORE-3920	Billing Overview: Upgrade jQuery	CLOSED	Fixed
	CORE-3919	Support Manager: Upgrade jQuery	CLOSED	Fixed
	CORE-3918	Order: Upgrade jQuery	CLOSED	Fixed
	CORE-3905	GoCardless: Add tooltip and update error message for webhook secret	CLOSED	Fixed
	CORE-3904	GoCardless: Add USD and CAD	CLOSED	Fixed
	CORE-3899	Square: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3898	Stripe Payments: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3897	WHMSonic: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3896	Vultr: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3895	VPS.NET: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3894	Virtualmin: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3893	Vesta: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3892	Universal Module: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3891	TheSSLStore: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3890	TeamSpeak: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3889	TCAdmin: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3888	SolusVM: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3887	Pterodactyl: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3886	Proxmox: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3885	Plesk: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3884	NameSilo: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3883	Namecheap: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3882	Multicraft: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3881	LogicBoxes: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3880	ISPManager: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3879	ISPConfig: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3878	Interworx: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3877	GoGetSSL: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3876	Enom: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3875	Direct Admin: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3874	CyberPanel: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3873	cWatch: Upgrade FontAwesome to version 5	CLOSED	Fixed

	CORE-3872	cPanel: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3871	CentovaCast: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3870	CentOS Web Panel: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3869	Blesta License: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3868	APNSCP: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3867	Extension Generator: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3866	System Status: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3865	System Overview: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3864	Reassign Pricing: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3863	PHPIDS: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3862	Mass Mailer: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3861	Feed Reader: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3860	Download Manager: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3859	Portal: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3858	Billing Overview: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3857	Client Documents: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3855	Order: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3854	Support Manager: Upgrade FontAwesome to version 5	CLOSED	Fixed
	CORE-3830	Twilio: Update twilio SDK to latest version	CLOSED	Fixed
	CORE-3791	Support Manager: Add support for emojis (4 byte characters) to support summary and replies	CLOSED	Fixed
	CORE-3780	VAT Verification	CLOSED	Fixed
	CORE-3761	Order: Include all address field tags for Order Received Email templates	CLOSED	Fixed
	CORE-3077	Add session names as values to the config file	CLOSED	Fixed
	CORE-2899	SolusVM: Update to use the VNC client	CLOSED	Fixed
	CORE-2897	Integrate noVNC	CLOSED	Fixed
	CORE-2876	Upgrade Full Calendar	CLOSED	Fixed
	CORE-2779	Upgrade jQuery	CLOSED	Fixed
	CORE-2777	Upgrade Bootstrap to v4.0+	CLOSED	Fixed
	CORE-2684	Upgrade FontAwesome from version 4 to version 5	CLOSED	Fixed
	CORE-2670	Support Manager: When searching tickets, search all replies and notes	CLOSED	Fixed
	CORE-1935	Add an expand icon for all expandable rows	CLOSED	Fixed
	CORE-1812	BrainTree: Add support for CC offsite	CLOSED	Fixed
	CORE-1708	Add support for config option logic	CLOSED	Fixed

180 issues