

A blurred background image showing a pit stop scene at a race track. Several crew members in white racing suits are working on a light blue and orange Formula 1 car. The car has the number 007 and 'P1' on its side, along with logos for SHODA, WEDDO, and PTC. The scene is captured with motion blur, suggesting a fast-paced environment.

RAIDTelecom

Lead Enterprise
Business
Assurance Into The
Future

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AGENDA

DISCLAIMER

1

2

RELEASE HISTORY

3

RELEASE TIMELINE

4

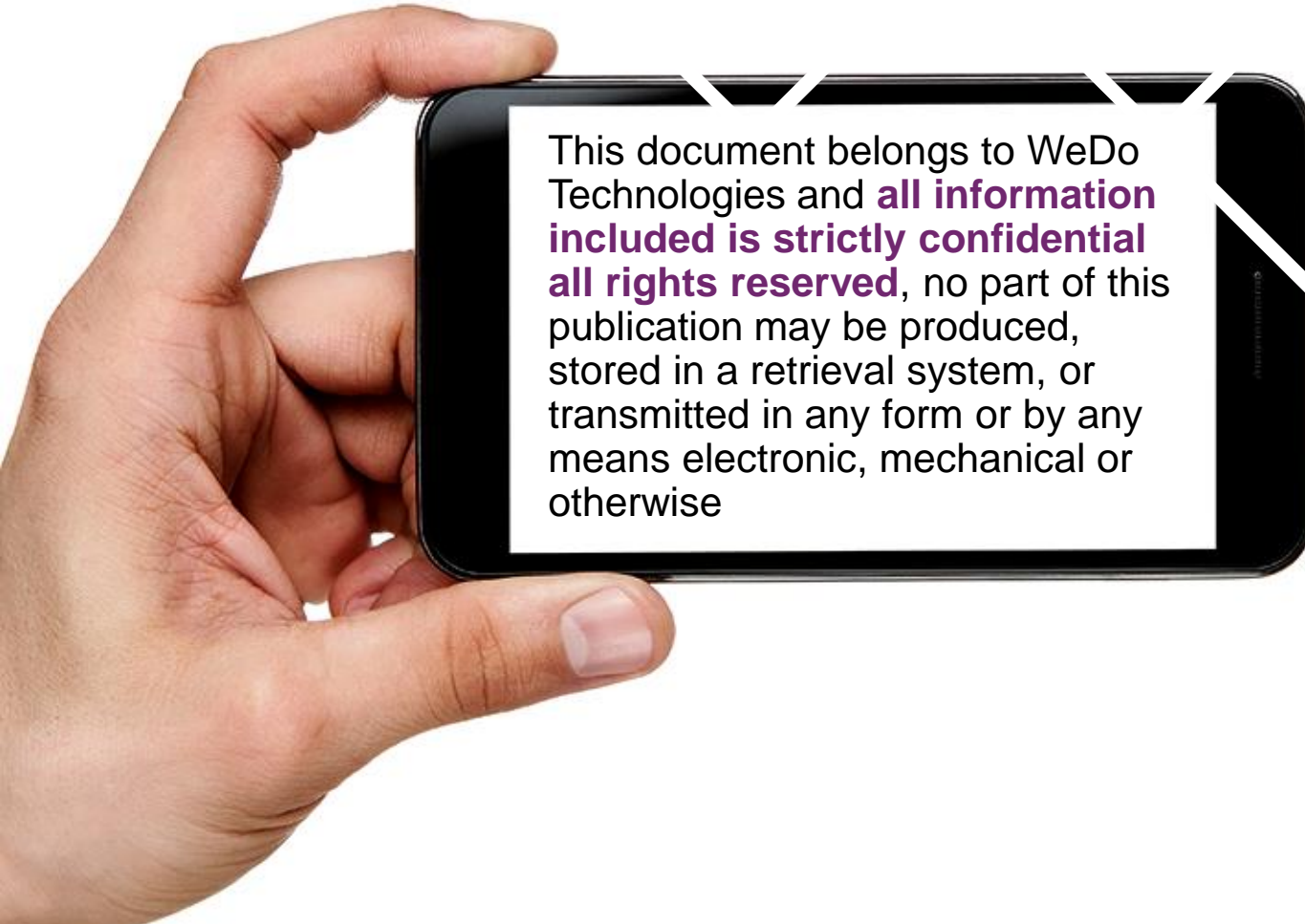
CURRENT VERSION

5

FUTURE VERSIONS



RAID ROADMAP



AGENDA

DISCLAIMER

1

2

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3

4

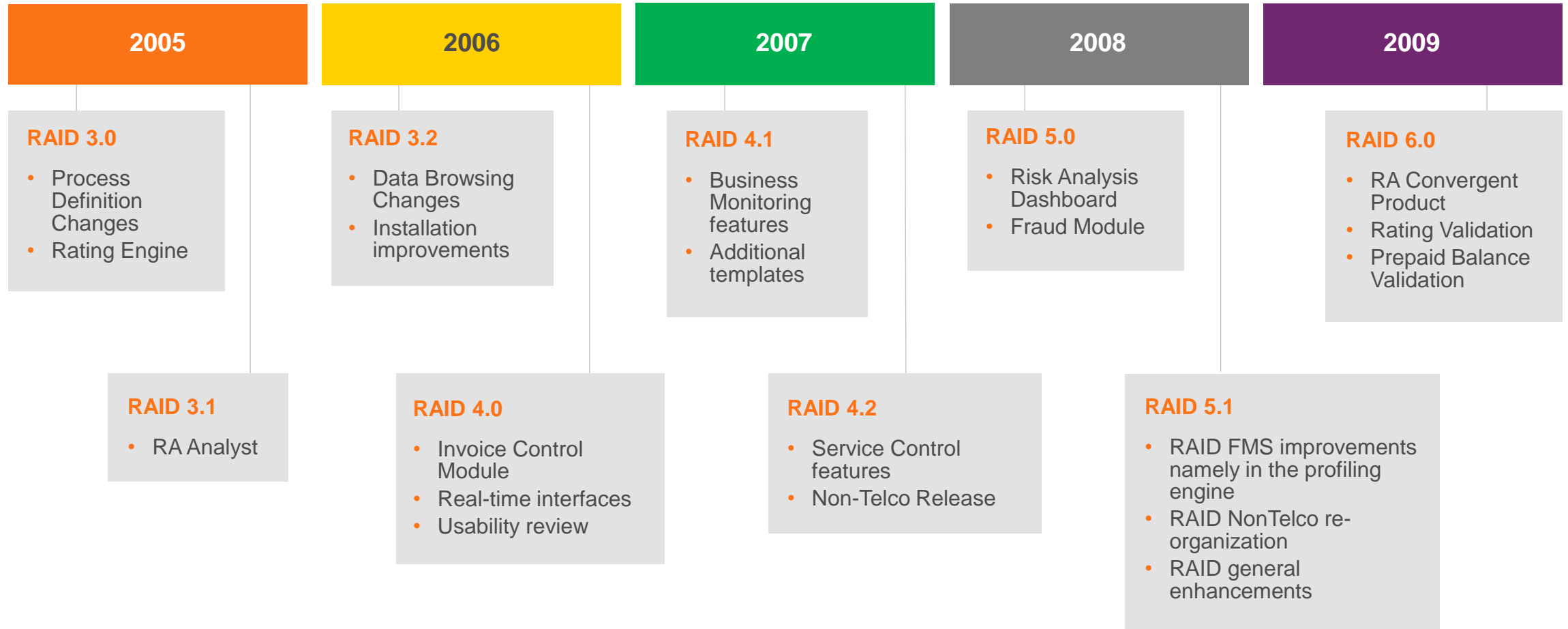
CURRENT VERSION

FUTURE VERSIONS

5



RELEASE HISTORY



RELEASE HISTORY (CONT.)

2010

RAID 6.2

- Analyze This - Free Analysis Workspace
- RV new features
- FMS new Features

2011

RAID 6.3

- Reconciliation Manager Framework
- Operational Reporting Catalog
- Case Analytics Templates
- FM: Fingerprinting
- FM: Link Analysis
- FM: Rules Tuning

Q4' 2012

RAID 7.0

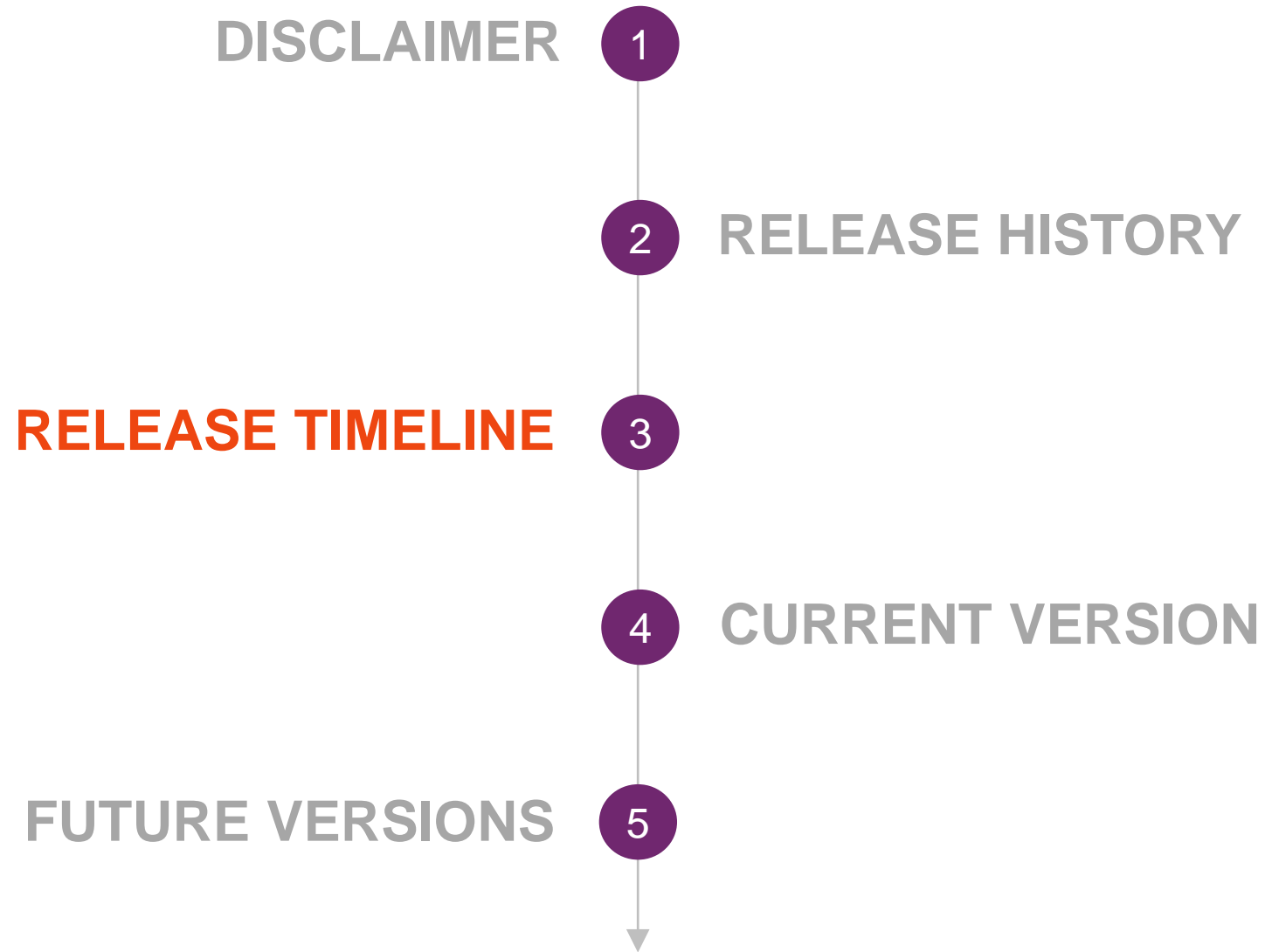
- Billing Validation Solution Module
- RAID User Dashboard with Ad hoc Reporting
- Enhanced User Interface & Usability
- LTE Compliance
- Technological improvements
- Technological Upgrade
- IPv6 – Support
- Balanced Scorecards and KPI management
- Extended Browser Support
- GUI Improvements
- **FMS** specific features
 - Next Generation Subscription Fraud detection
 - Actions Manager
 - Evolution of the scoring model
 - Case Root Cause Analysis
 - Usability improvements
 - Link Analysis upgrade
 - Google Maps integration

Q1' 2014

RAID 7.1

- Enhanced data entry
- RAID User Dashboard with Ad hoc Reporting v.2
- Transactional Data Support in Data Model
- Multibrowser/Multidevice
- License Manager improvements
- New configuration area
- Operational Area
- Basic Collaboration Features
- Customized RAID packaging to enable any Solution module
- Portal UX Improvements
- New Charts & Interactive Diagrams
- **FMS** specific features
 - Embedded Advanced Analytics with AFD
 - New Rules Optimizer, with rules simulator on past, current and future behaviours for optimum thresholds
 - Extended Browser Support
 - Auditing in Subscription Fraud
 - Expression Builder on Rule Editor
 - Improved Fraud Management UI

AGENDA





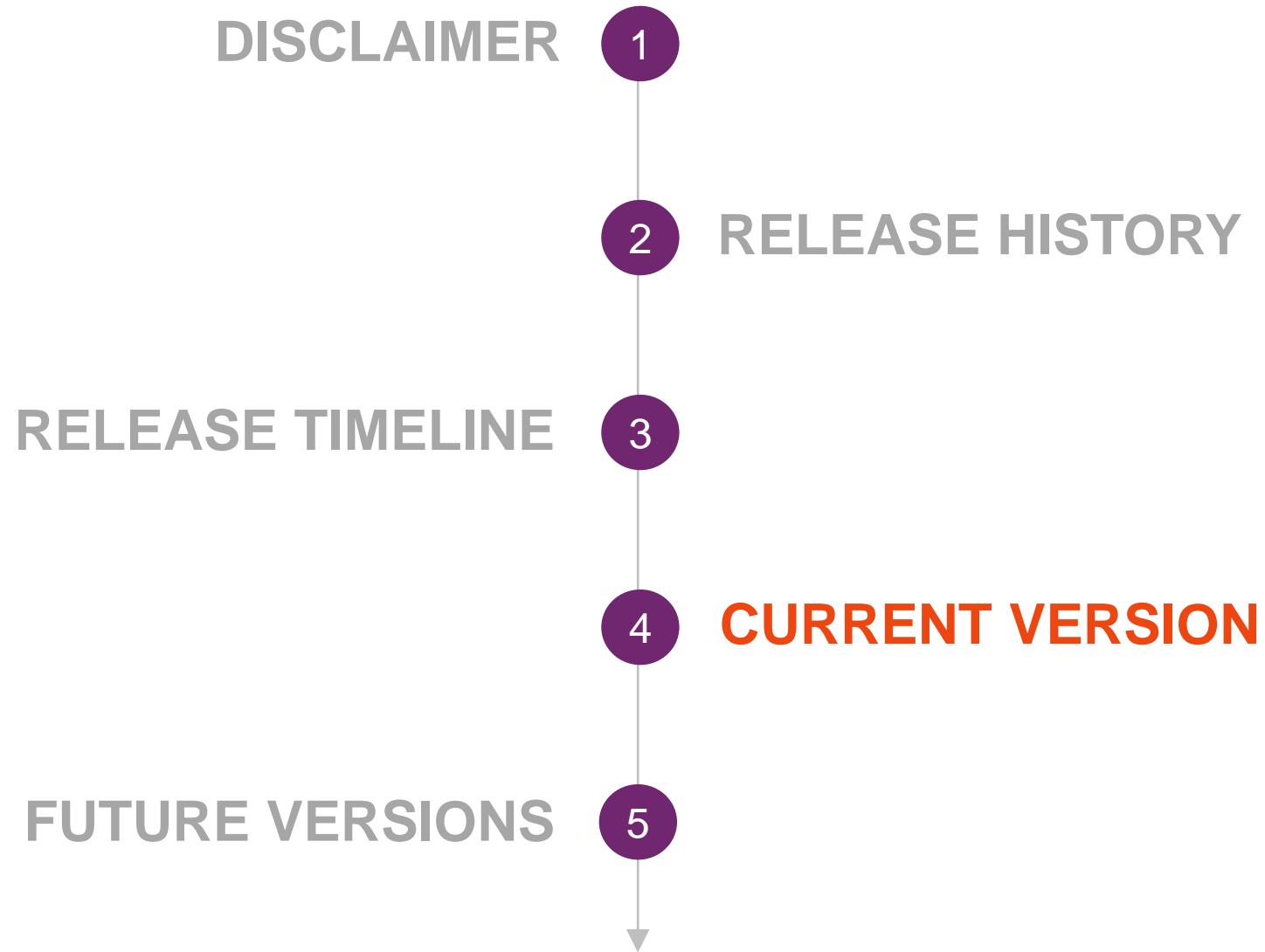
RAIDTELECOM ROADMAP

Q1' 2015

Q4' 2016

Q4' 2017

AGENDA



LEAD ENTERPRISE BUSINESS

ASSURANCE INTO THE FUTURE



A SOFTWARE THAT
let you focus on growing
your business by putting
risks under control!



RELEASE DETAILS

RAIDTelecom Roadmap

Q1' 2015

RAIDTelecom (version 8.0)

- State-of-the-art User Experience
- Empowerment Centre
- Adaptive Case Management
- Smart Process Modeller
- Investigation Workbench
- Smart Data Blueprints
- Smart Data Stream
- Unified Validation Engine
- Improved gadgets, tools and features
- RAID FMS Engines Designer & Debugger
- Business Rule Management Console
- Online Help Documentation
- Enterprise Business Assurance Fast Processes
- Integration with Big Data (SAP Hana, Hadoop Hive, Oracle In-Memory and others)

Q4' 2016

RAIDTelecom (version 8.1)

- Fast EBA Processes improvements
- Advanced discrepancy detection for EBA
- EBA Integrated Risk Screening
- Extended Collaborative Platform – Dynamic Rules System

Q4' 2017

RAIDTelecom (version 8.2)

- The RAID That Builds Itself
- Natural Language and Wearables Support
- RAID EBA Ecosystem
- Anti-fraud Human Recognition Systems (HRC)

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

State-of-the-art User Experience

- RAIDTelecom provides a visually intuitive user interface that performs the way you think and work. The new RAID Enterprise Business Assurance Cockpit provides enterprise visibility of business performance across all processes.
- RAIDTelecom delivers a modern interface that boosts productivity and minimizes user errors by creating a simple, easy-to-use interface that humanizes the User Experience, boosts productivity and minimizes user errors.
- Based on an awesome collaboration with our customers, RAIDTelecom establishes a new benchmark in UX!
 - Intuitive user interface for greater effectiveness;
 - Infographics, smart highlights, extensive tips, and calls to attention for faster action;
 - User friendly colour schemes, font sizing and subtle area delimiters for higher comfort;
 - All on the web for a seamless integration of usage and configuration and Cloud Readiness.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Empowerment Centre

- Configuration & Operation Area to provide users with a fully web-based GUI that will enable a seamless configuration and customization of all the aspects of the application and its processes.
- This browser-based and integrated approach will allow users to meet the latest business requirements without requiring dedicated software clients, making the process of evolving the system more performant and effective.
- Administrators will be able to handle additional tasks through the Web Portal:
 - Configure data from origination systems to be analysed by RAIDTelecom;
 - Design the loading and validation processes;
 - Configure the alerts, actions and reporting configuration;
 - Define control tasks, signs and alerts, and data transformation functions;
 - Analyse the control procedures ensuring its implementation to avoid revenue loss.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Adaptive Case Management

- All you need in one place: a smart content of case relevant data, past experience, Ad-Hoc investigation, notifications and case status & timeline for fast case resolution. Provides a holistic view on data / information, is auditable and trackable and built for real-time smart collaboration, across various teams.
- Because acting upon risks is the last mile of assuring your business, RAIDTelecom Adaptive Case Management is 5x times faster to get to the right information and up to 3x faster for case resolution (for typified cases):
 - New data and event driven flow designer with the new Smart Process Modeller;
 - Highly adaptive with Ad Hoc tasks and external events' responsiveness;
 - Analysis Portfolio Preparation and Focused user interruption approach for Increased Productivity;
 - Comprehensive execution performance monitoring features;
 - BPMN2 compliance.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Smart Process Modeller

- Support for continuously changing business processes through a web-based interactive modeller:
 - Human readable process design;
 - Event driven engine for timely reaction;
 - Support SLAs and escalation;
 - Corporate error handling strategy;
 - Import and interact with existing processes defined with the widely adopted BPMN2 Standard;
 - Design in RAID, or import from MS Visio or your favourite tool.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Investigation Workbench

- Visual data discovery tools that makes it easy to investigate corporate data.
- Self-service discovery on data for faster and richer investigation:
 - Allows knowledge users to perform their own queries in a specific purpose area;
 - Analysis can be stored with or without preserved data;
 - Define drills from data to related analysis and build an Analysis Portfolio;
 - Attach the analysis to the case and preserve the relevant data for audit and traceability.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Smart Data Blueprints

- Bridging the gap between business analysis and data science, with a complex query builder designed for Business Users:
 - Users can graphically design a set of queries that need to be chained and combined to perform a complex analysis;
 - Access multiple data sources in parallel;
 - Transform and enrich data across the data flow;
 - Combine data to produce the final result.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Smart Data Stream

- High performance data integration to get the most out of big data.
- Big Data is there and RAIDTelecom is ready for it with a completely new UX and extended big data integration:
 - New Full Web Based Flow Editor for easier and faster configuration;
 - Support for Hadoop data sources, including file processing at HDFS level;
 - Improved continuous data processing;
 - Message base interface for immediate reaction to events;
 - Embedded test tools to ensure correctness in complex deployments.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Unified Validation Engine

- Providing a sharp and holistic view of your assurance system.
- Empowering the user to quickly understand what is really happening:
 - Centralized handling of validations and control points;
 - Multi-source validations made easy to address today's' complex source data architectures;
 - Full integration with the Business Rules Manager enabling rules management by end users;
 - Full traceability from control diagrams or alarms to validations and events.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Improved gadgets, tools and features

- New gadgets, deployment tools and many feature enhancements.
- To solve those little things that make a big difference:
 - Pivot Tables;
 - Maintainable Structures and transactions support through the DataModel;
 - Smart Content Variables;
 - Flexible layouts;
 - Improved performance;
 - New tools to manage selective deployments and migrations.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

RAID FMS Engines Designer & Debugger

- Zero coding approach for extended user-empowerment and maximum protection.
- Because business changes and Fraudsters behaviour too:
 - Creation and edition of FMS engines on a graphical interface;
 - Provides template engine fields;
 - Auto-configuration of technical properties;
 - New FMS Rule Debugger to visualize all the decisions the engine makes.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Business Rule Management Console

- The Business Rule Management Console is the "nerve centre" of Enterprise Business Assurance solutions - a centralized repository of process validation rules for increased convenience in rules' maintenance, scope understanding and historical performance analysis.
- With the Business Rule Management Console users will have an holistic perspective of all business rules, to ensure that results are accurate, trusted, meaningful and efficiently executed.

Online Help Documentation

- Help repository that is easily accessible, usable and extensible, with share capabilities and a fast search mechanism - a web-based, platform-independent tool that will help users unleash RAIDTelecom's full potential.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Enterprise Business Assurance Fast Processes

- Take advantage of ongoing EBA innovation. Our regular EBA enhancement packages are optional extensions that can help you quickly, easily, and cost-effectively take advantage of leading-edge innovation:
 - New FAST EBA being designed to be tested and productized;
 - New packages and controls in existing FAST EBA Processes for a deeper assurance;
 - EBA Processes update to take the maximum of new technical features.

RELEASE DETAILS

RAIDTelecom (version 8.0)

Q1' 2015

Integration with Big Data (SAP Hana, Hadoop Hive, Oracle In-Memory and others)

- RAIDTelecom is prepared to handle Big Data databases and employ mechanisms to assure a high-performance access and storage of data.
- Native support for Hadoop and In-Memory computing:
 - Big Data reconciliation: enlarged reconciliation scope and reduced TCO by using Hadoop as your detailed data source;
 - Improved Investigation: use RAIDTelecom to seamlessly query data stored on Hadoop directly;
 - Unleash the power of In-Memory: dramatically accelerate analysis in RAIDTelecom with SAP Hana or Oracle In-Memory.

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Q4' 2016

RAIDTelecom (version 8.1)

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Q4' 2017

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RELEASE DETAILS

RAIDTelecom (version 8.1)

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Advanced discrepancy detection for EBA

- Intelligent algorithms for guided detection, exploration and explanation.

RELEASE DETAILS

RAIDTelecom (version 8.1)

Q4' 2016

EBA Integrated Risk Screening

- Connecting the internal and external data universes for a comprehensive Risk continuous monitoring
- Integrate with internal DPI sources, External data feeds / Data Brokers / Crowd-sourcing and threat Intelligence databases. Leverage the collected information for the calculation of EBA Risk Scores. Based on the calculation take action and/or alert users through a focused interruption approach.

RELEASE DETAILS

RAIDTelecom (version 8.1)

Q4' 2016

Extended Collaborative Platform – Dynamic Rules System

- Extended Collaborative Platform:
 - Focus on “Global Organizations” with geographically spread teams;
 - Customer Advisory Boards, Forums and social tools as active sources for Business Assurance;
 - Collaborative tools for improved inter-team and inter-departmental collaboration;
 - Online information interaction;
 - Enhanced Activity Stream.
- Dynamic Rules System:
 - Continuous monitoring of the existing network and systems architecture identifying changes and dealing with those changes;
 - Self-tuning of rules to maximize results and self-adaptation to changes in systems and behaviour.

RELEASE DETAILS

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RELEASE DETAILS

RAIDTelecom (version 8.2)

Q4' 2017

The RAID That Builds Itself

- Bringing together artificial intelligence and UX for an “all seeing eye” approach.
- Just the right information for each user:
 - Machine learning for usage patterns;
 - Dynamic content selection according with current context;
 - Self-organizing layouts for improved highlighting;
 - Intelligent content ranking and notification strategy according with content;
 - Smart recommendations engine.

RELEASE DETAILS

RAIDTelecom (version 8.2)

Q4' 2017

Natural Language and Wearables support

- Using RAIDTelecom will become even easier. In any device!
 - Natural language based search for navigation and data exploration;
 - Speech recognition' triggered actions.

RAID EBA Ecosystem

- Connecting customers for collaboration with a hybrid ecosystem concept:
 - **Private:** RAID Ecosystem to answer to the growing need of OPCOS best practices standardization;
 - **Public:** RAID Ecosystem to connect the largest EBA Customer's community and potentiate collaboration;
 - **Fraud Intelligence Center:** The exclusive ecosystem for active RAID FMS Customers! Threat alerts, knowledge and configurations sharing made easy.

RELEASE DETAILS

RAIDTelecom (version 8.2)

Q4' 2017

Anti-fraud Human Recognition Systems (HRC)

- Integrated with RAID FMS subscription fraud module to detect ID fraud earlier and more accurately:
 - **What we currently do:** We have a subscription fraud module that is able to connect to external data sources for ID validation;
 - **What we will have:** An extended ID verification capability, leveraged by Human Recognition algorithms, that links the physical person with different online sources of ID verification.



THANK YOU!

