



AUTOMATED SYSTEMS FOR **RIGHTS HOLDERS, CMOs** **AND USERS**

Advantages and possibilities

ARCHITECTURE OF RIGHTS AND IP OBJECTS (RUSSIA)

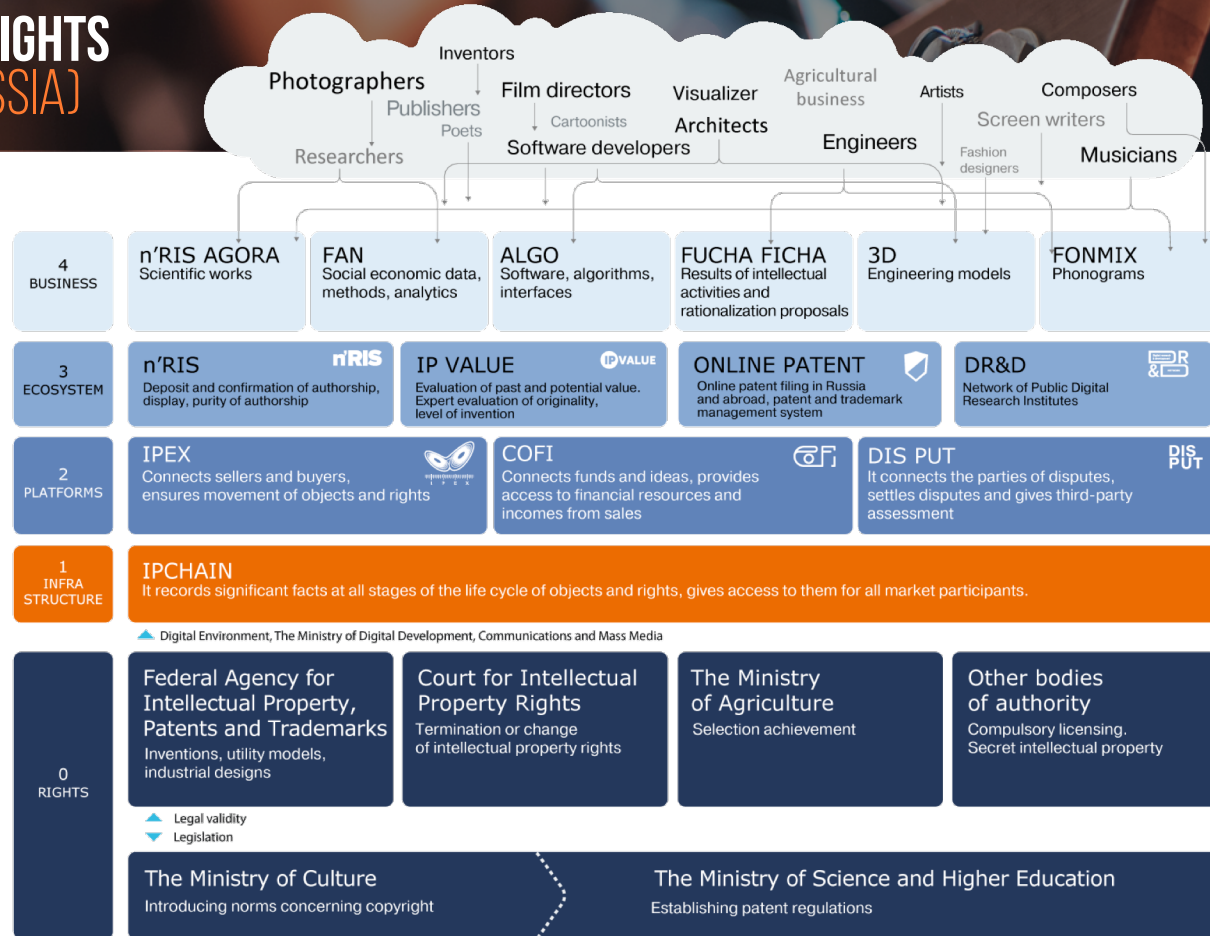
Industrial
application
and cloud services

Ecosystem
Ecosystem services

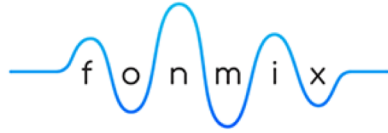
Platform
Platforms

Infrastructure
network
of transactions

Governmental
regulatory authorities
and state bodies



COMPONENTS OF IT INFRASTRUCTURE



HYPERGRAPH

RMS

RDS

RHPA

CRM



BASIC SERVICES

Digital
Repository

Documents
workflow

Contracts
management

Copyright
registration


IPO plagiarism
detection



**SMART
CONTRACTS**



Data exchange API

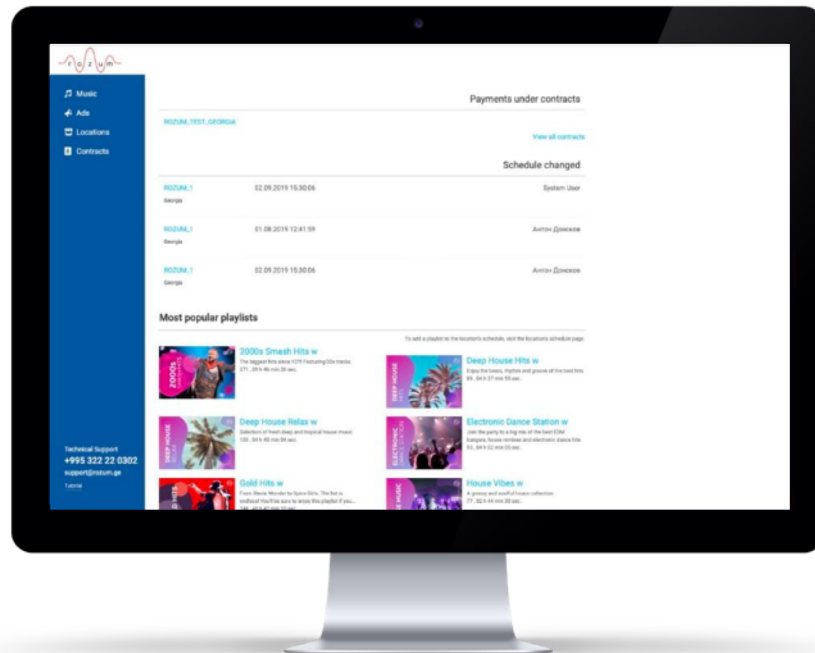
The background is a blurred photograph of a guitar headstock, showing the tuning pegs and the wooden grain. A bright blue sine wave is drawn across the center of the image, passing behind the text. The entire image is framed by a thin orange border.

f o n m i x

FONMIX — NEW POSSIBILITIES FOR USERS

FONMIX

- Feature-rich modern software solution for background music playback, advertisements and information broadcasting at different venues (restaurants, shops, malls, parks and exhibitions)
- Global monitoring of the musical content
- Huge up to date collection of music from the best performers, bands and record-labels
- Automated generation of reports for CMOs and rights holders
- Protection from all risks according to legal requirements



ADVANTAGES OF FONMIX



It's a turn-key solution with technical support and 24/7 backing with background music for all types of venues



It's a technologic platform for online streaming and music playback with a remote administration system



It's an advertising channel allowing various marketing activities, being an effective means of promotion



It's an additional source of income with low cost of software and integration



Offers an extensive up-to-date collection of licensed popular music of all genres and styles



Legal usage of musical content in full accordance with national legislation



Automated usage reports for CMOs and rights holders



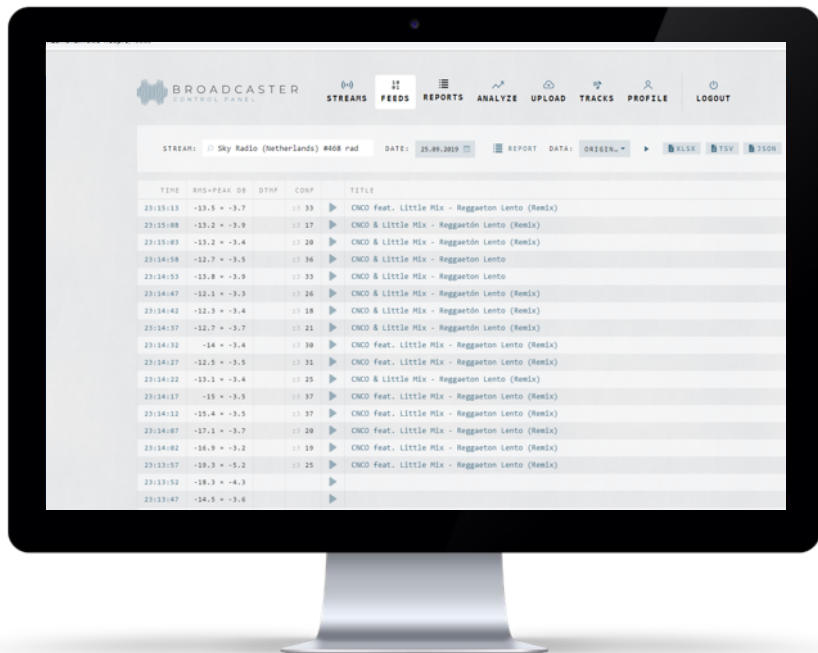
User-friendly cross-device (PC, tablet, smartphone) and cross-platform (IOS, Android, Windows and Web) application

APPLICATION-PLAYER

- Automated playback in accordance with user defined schedule
- Personal and pre-set playlists
- Automated advertisements playback scheduling with sophisticated targeting options
- Built-in search engine with dedicated tracks playback capabilities
- Various local device cache and playlists update settings
- Broadcasting from internal storage without constant access to the Internet
- Synchronization with server through the Internet, broadcasting policies update (schedule, playlists etc.), submission of usage reports



APPLICATION-MONITORING



❖ Multiple sources:

❖ Line-in

❖ Microphone

❖ Radio and TV broadcasts

❖ Online streams

❖ Multiphase analysis

❖ Machine learning and sophisticated algorithms

❖ Broadcaster control web interface

❖ Automated reports to CMOs and rights holders

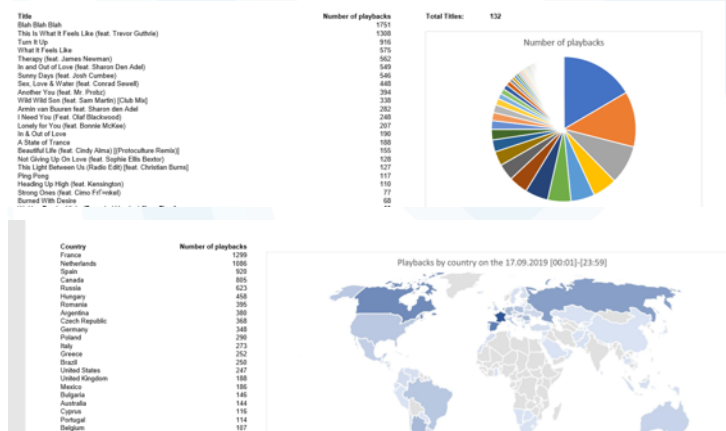
➤ Global coverage

- 127 countries
- More than 30 000 stations
- More than 5 000 TV channels

➤ Realtime statistics

➤ Variety of reports, aggregated data analysis

- By artist
- By title
- By location
- Other options

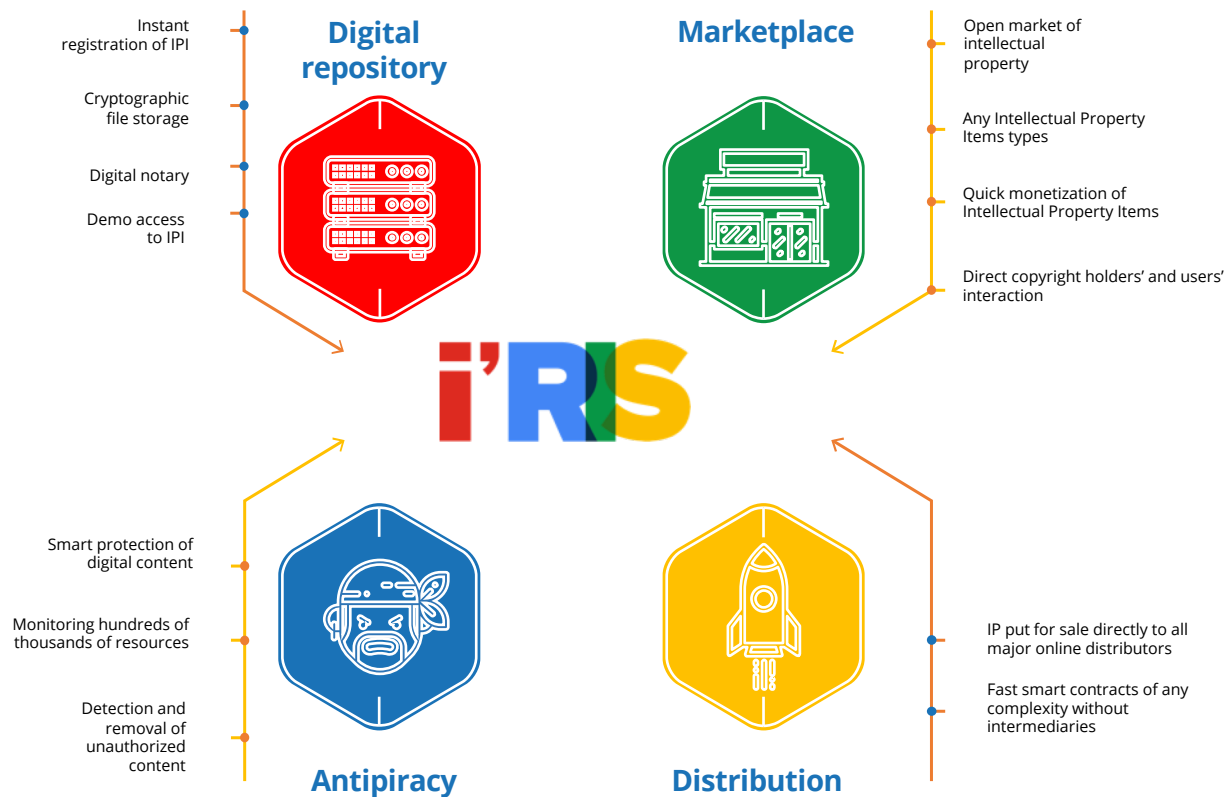


17.09.2019 5:15 Armin van Buuren	Blah Blah Blah	Kiss Delta 90.1 - Kiss FM	Czech Republic Prague
17.09.2019 5:15 Armin van Buuren	Blah Blah Blah	Radio Kiss Morena	Czech Republic Ostrava
17.09.2019 5:15 Armin van Buuren	Blah Blah Blah	Kiss Moravia 101.1 FM	Czech Republic Ostrava
17.09.2019 5:15 Armin van Buuren	Blah Blah Blah	Kiss Prácheň	Czech Republic Žďar
17.09.2019 5:16 Armin van Buuren	Blah Blah Blah	Kiss Radio - Hedy 104.1	Czech Republic Brno
17.09.2019 5:17 Armin van Buuren	Blah Blah Blah	Kiss Prácheň	Czech Republic Písek
17.09.2019 5:18 Armin van Buuren	Blah Blah Blah	Kiss 98 FM	Czech Republic Prague
17.09.2019 5:19 Armin van Buuren	Blah Blah Blah	Kiss Hedy	Czech Republic Brno
17.09.2019 5:20 Armin van Buuren	Blah Blah Blah	La 105 FM Libertad	Argentina Neuquén
17.09.2019 5:20 Armin van Buuren	Blah Blah Blah	105fm Dússeldorf	Israel Tel Aviv-Yafo
17.09.2019 5:21 Armin van Buuren	Blah Blah Blah	NJ2 - Dance Hits	France Paris
17.09.2019 5:21 Armin van Buuren	Blah Blah Blah	Energy Berlin	Germany Berlin
17.09.2019 5:24 Armin van Buuren	Blah Blah Blah	Blue Radio	France Lyon
17.09.2019 5:25 Armin van Buuren	Blah Blah Blah	NJ2 - Dance	France Paris
17.09.2019 5:27 Armin van Buuren	Blah Blah Blah	Hit Dance Radio	Netherlands Amsterdam
17.09.2019 5:27 Armin van Buuren	Blah Blah Blah	NJ2 99.1	Cyprus Nicosia
17.09.2019 5:29 Armin van Buuren	Blah Blah Blah	MFM Station	Libanon Khayma
17.09.2019 5:33 Armin van Buuren	Blah Blah Blah	Radio Web CP	Brazil Londrina
17.09.2019 5:33 Armin van Buuren	Blah Blah Blah	Interna Radio	Netherlands Breda
17.09.2019 5:33 Armin van Buuren	Blah Blah Blah	NJ2 - Your In Sound	France Paris



n'RS

SCHEME OF N'RIS SERVICES



Target audience



Creative class



Scientific community



Professional industry

Types of assets that can be stored in n'RIS database



Music



Video



Inventions



Technologies



Computer software



3D models



Industrial property



Images



Texts



Audiovisual works



HYPERGRAPH

FULL AUTOMATION OF ACCOUNTABILITY

AUTOMATED SYSTEMS FOR CMOs

Bringing together all participants of the market – CMOs, rights holders and users. It covers all needs, solving problems of every market participant.

For CMO:

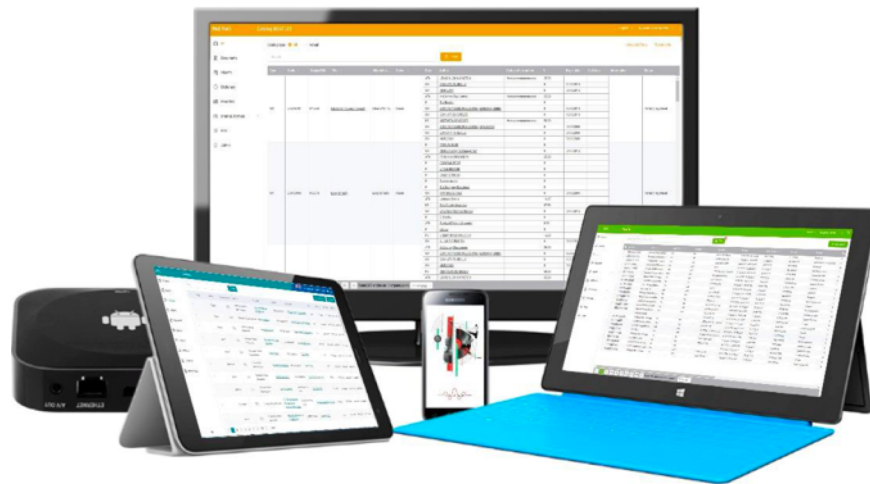
- > Automation of collection, distribution and payment of royalties
- > Automation of authentic usage reports transfer and receipt
- > Distribution based on reliable statistics
- > Interaction with rights holders and catalogues management
- > Cooperation with foreign CMOs
- > Relations with users management

For users:

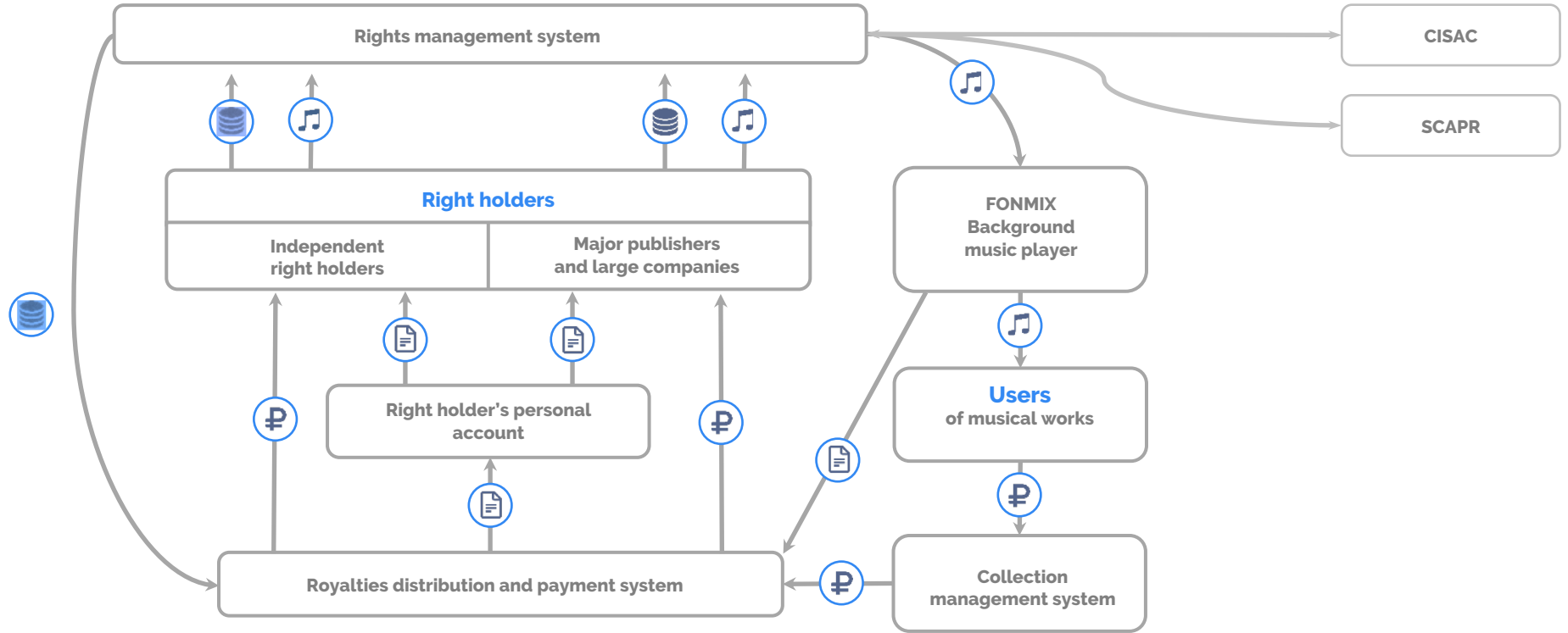
- > Solution for background broadcasting
- > Licensed content
- > Automated creation of reports on actual usage of works
- > Protection from all risks according to legal requirements

For right holders:

- > Instruments for personal rights and catalogues management
- > Promotion of catalogues to huge international audiences
- > Content delivery to users
- > Creation of detailed reports of actual usage of works and phonograms
- > Guarantees of royalties receipt, based on actual usage data



COOPERATION DIAGRAM



RIGHTS MANAGEMENT SYSTEM — NEW POSSIBILITIES FOR RIGHTS HOLDERS

RMS

- Rights holders can claim their rights
- Easy-to-use web interface allowing rights holders to put all their rights data and upload files in a variety of formats (Excel, CSV, DDEX, etc.)
- Rights holders can update their catalogue
- Rights holders can receive any reports in any convenient format, with a wide range of settings available

The screenshot displays the RMS web interface for an interested party. The header bar is orange and contains the text 'RMS Interested Party RUFFLES KIERAN DENNIS ATKINSON 7131766'. On the right of the header are links for 'English', 'Apparel: (open)', and a user icon. A left sidebar lists navigation options: 'IP', 'Documents', 'objects', 'Dictionary', 'Reporting', 'Internal formats', 'RDS', and 'Admin'. The main content area is titled 'Information of IP' and contains a table with personal details. Below this is a tabbed interface with 'Transfer of rights' selected. It shows two empty tables: 'Received rights' and 'Transferred rights', both with columns for Code, Interested party, Contract with society, Document, and Period. The 'Testators' section is also visible at the bottom.

Type	IP protagonist	Code	7131766
Society	APRA	Contract with society	
Name	RUFFLES KIERAN DENNIS ATKINSON	IP Name Number	00567759867
Pseudonym	MACRO, RUFFLES, RUFFLES, MACRO	Role	ATK
Birthdate	09 03 1978	Sex	male
Deathdate	-	Not protected	
Notes	-	Interested info	No data

Transfer of rights

Code	Interested party	Contract with society	Document	Period
No Data				

Transferred rights

Code	Interested party	Contract with society	Document	Period
No Data				

Testators

ADVANTAGES OF RIGHTS MANAGEMENT SYSTEM

RMS Documents English Admin/Manager

IP Documents Objects Dictionary Reporting Internal formats RDG Admin

Search 25 items Create

Number	Type of document	Creation date	Transfer	Receiver	Begin date	End date	Initials
65a	Circular letter		EVAN AND EVAN PUBLISHING		01.04.2015		-
65a	Конвертирование заявления на регистрацию		Степанов Андрей Михайлович	PAQ			9
588124/2012	Выписка из гос. реестра ИП	16.11.2012	Мельник Александр Сергеевич				5
65a	Передача управления зарубежному ОУПТ		HARRISON JUSTIN ADAM P.	Managette	01.05.1995		-
3.C.498808 "CHAM ANDRE"	Информация об объекте сложная	23.10.2014	CHAM ANDRE				-
65a	Передача управления зарубежному ОУПТ			SDA	01.11.1982		1
65a	Передача управления зарубежному ОУПТ		ZEPHIS EDITION (SUI)	SDRM	01.01.1980	31.12.2004	-
65a	РФИ	10.11.2009	Evans Office International		10.11.2009		-
65a	Передача управления зарубежному ОУПТ			Managette	01.01.1990	05.09.2018	-
65a	Музыкальная справка						-
65a	Регистрационный лист автора	11.05.2016	Bacon David David Robert				1
65a	PGP-01 Agreement	01.01.2013	Buena Music	ALL MUSIC SUITE	01.01.2013	31.12.2012	-
65a	Свидетельство о праве на наследство по закону	01.01.1997	Evans David David Robert	Evans David David Robert	01.01.1997		-
DocuSign 3215002 "MIRABELLA"	Информация об объекте сложная	17.11.2017					-
65a	Передача управления зарубежному ОУПТ			DEMA	01.01.1998		-
3.C.492256 "Edm Richard"	Информация об объекте сложная	15.08.2014	BLUET Richard				-
65a	Договор авторского управления с третьим лицом	09.10.2009			09.10.2009		-
65a	Справка о передаче сложная	27.03.2015					-
65a	Special agreement	01.01.2008	NET NOISE	MANAGE MUSIC BY	01.01.2008		-
65a	Передача управления зарубежному ОУПТ		MC GEL CHEN	PSG	01.05.1993		-
65a	Музыкальная справка						-
65a	Передача управления зарубежному ОУПТ		LARLAJOURNE MARIA TERE	SACM	01.02.1988	14.06.2011	-
65a	Конвертирование заявления на регистрацию		Александр Ольга Сергеевна	PAQ			1
77181.1	Договор об управлении интеллектуальными правами	25.04.2007	Ushakov Alexander Alex	PAQ	25.04.2007		1
1.502	Свидетельство о праве на наследство по закону	04.04.2017	Степанов Андрей Михайлович	Степанов Андрей Михайлович	04.04.2017		-

Found 337976 entries on 13520 страницах по 25 per page

- Unique client-server architecture
- Import and export of large data volumes
- Data exchange with other systems
- Scalability. Processing and storage of large data volumes
- Unlimited number of users
- Flexible control and access rights management
- Automatic errors discovery
- Support of international standards
- Multilanguage data storage
- Synchronization with international systems

RIGHTS MANAGEMENT SYSTEM

The System provides a registry of phonograms, works, AVWs containing:

- Information on authors, performers, manufacturers, heirs, etc.
- Huge amounts of metadata: genre, sub-genre, BPM, language(s), vocal, popularity, etc.
- Actual IPO content
- All information on rights: licensee, licensor, shares, terms, types of usage, territory, contracts

The screenshot shows the 'Create Interested Party' form in the PAO RMS system. The interface has an orange header bar with the title 'PAO RMS Create Interested Party' and a language dropdown set to 'English'. On the left is a sidebar menu with icons and labels for 'Documents', 'Objects', 'Dictionary', 'Reporting', 'Interest formats', 'RDS', and 'Admin'. The main form area contains the following fields:

- Type:** A dropdown menu currently showing 'Legal Entity'.
- Name:** A text input field.
- IP name number:** A text input field.
- Short name:** A text input field.
- Info:** A 'Select' dropdown menu.
- Society:** A 'Select' dropdown menu.
- Begin date:** A date selection field.
- End date:** A date selection field.
- Rights by territory:** A text input field with a 'Change' link to its right.
- Note:** A large text area for additional information.

At the bottom right of the form are two buttons: 'Save' (orange) and 'Cancel' (grey).

ROYALTY DISTRIBUTION AND PAYMENT SYSTEM

RDS

- Collection and processing of user reports (including Excel format)
- Matching of phonograms and musical works
- Calculation of royalties
- Calculation of taxes and other deductions
- Reports for rights holders
- Analytic reports

RDS Reports

English Администратор

Search by number, client, contract

+ Add report

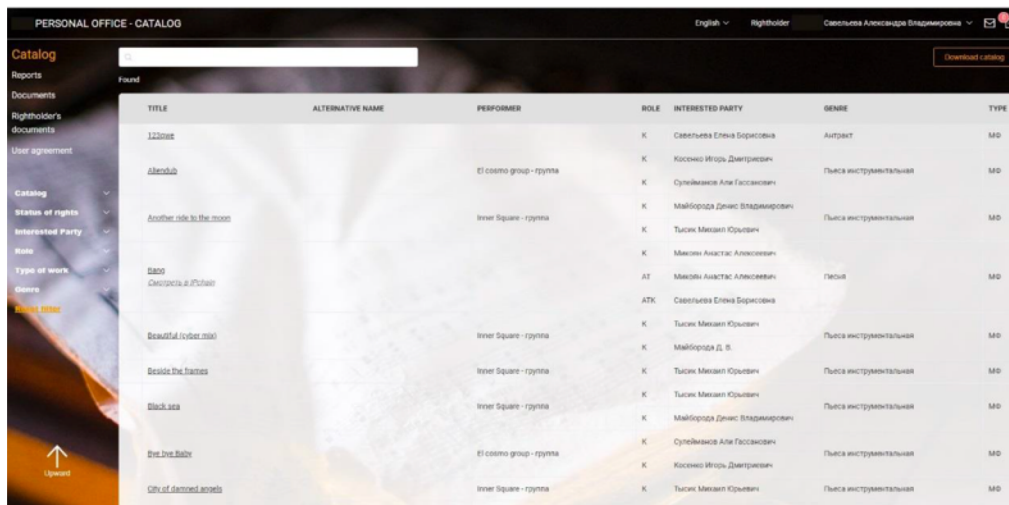
Number	Client	Usage Type	Category	Contract	Period	Date of input	Amount	Status	Row
0234/M7.18.1950M	МАЛЫЕ ПРАВА - инос-рас.	ОМ	MT	ATU734/6178-OM	18.10.2018 - 18.10.2018	08.12.2018	31.50 RUB	В работе	1
1035/M7.18.1087M	Волгодонская областная г.	ОМ	MT	0935/14-0891-IC	13.05.2018 - 13.05.2018	21.02.2019	1575.00 RUB	Оценка восстановления	0
1054/M7.17.1977M	МАЛЫЕ ПРАВА - инос-рас.	ОМ	MT	10/0054/0097OM	02.03.2017 - 02.03.2017	20.02.2019	199.00 RUB	В работе	21
2777/M7.18.1000M	Катанский театр хуло...	ОМ	MT	15/09	29.04.2018 - 28.06.2018	11.06.2019	3815.60 RUB	Оценка расчета	1
0026/M7.17.2229M	МАЛЫЕ ПРАВА - инос-рас.	ОМ	MT	(1226/0963 OM) 1226/096...	01.06.2018 - 30.06.2018	30.05.2019	655.46 RUB	Оценка расчета	3
1281/M7.18.855	Крымская государственн...	ОМ	MT	0691/6000 OM (90)	09.08.2018 - 09.08.2018	17.06.2019	323.81 RUB	Оценка расчета	8
2777/M7.17.2252M	МАЛЫЕ ПРАВА - инос-рас.	ДК	MT	2577/0196 DK	18.06.2017 - 18.06.2017	15.06.2019	100100.00 RUB	Оценка расчета	1
0078/M7.18.6810M	РЕСТОРАНЫ - инос-рас.	РН	PH	0178/5419 PH	01.03.2018 - 31.03.2018	28.06.2018	1805.07 RUB	В работе	26
0077/M7.18.2073M	Тулунский театр драмы и...	ОМ	MT	6090 TT	01.06.2017 - 30.06.2017	27.05.2019	620.50 RUB	В работе	13
0013/M7.18.1420M	Джунг МЕР ГО	ДК	MT	0911/0901 DK	01.10.2018 - 31.12.2018	27.02.2019	100.00 RUB	В работе	1
0234/M7.17.1450M	МАЛЫЕ ПРАВА - инос-рас.	ИС	MT	01/0744/7719MC	03.03.2017 - 03.03.2017	21.02.2019	6300.00 RUB	Оценка расчета	0
2777/M7.18.2612M	ГБСНП "Национальный М...	ОМ	MT	9302/1116	01.04.2018 - 30.04.2018	18.05.2018	7215.25 RUB	Создан	0
1382/M7.18.133M	Крымская государственн...	ОМ	MT	0691/6000 OM (90)	24.01.2018 - 24.01.2018	21.02.2019	303.33 RUB	Оценка расчета	0
0234/M7.18.8709M	МАЛЫЕ ПРАВА - инос-рас.	ИС	MT	ATU734/6402-IC	14.03.2018 - 14.03.2018	23.04.2018	7739.48 RUB	Оценка расчета	14
0078/M7.18.6808M	МАЛЫЕ ПРАВА - инос-рас.	КЗ	MT	0178/3942 K3	29.06.2016 - 29.06.2016	21.02.2019	8990.00 RUB	Оценка расчета	0
	КОШКИНСКАЯ			1799/0017 KB	01.01.2010 - 31.01.2010	15.06.2019	408795.31 RUB	Создан	0
1866/M7.18.1967M	МАЛЫЕ ПРАВА - инос-рас.	ОМ	MT	(DT00006117) Дзирар Ф-2	01.01.2017 - 31.01.2017	21.02.2019	22.86 RUB	Оценка расчета	0
2777/M7.18.7920M	Сави+Патристический рос.	ОМ	MT	0178/1051 TT	07.09.2018 - 30.09.2018	13.06.2019	42061.40 RUB	Создан	0
1866/M7.18.1450M	ТАУК СО "Степановская г.	ОМ	MT	(DT00006117) Дзирар Ф-2	01.03.2019 - 31.03.2019	18.05.2019	1278.00 RUB	Создан	0
0234/M7.18.1563M	ООО "БЕАС"	КН	ABT	(Ю00020460) 04/0734/36...	01.07.2018 - 31.07.2018	11.06.2019	13827.93 RUB	Оценка расчета	7
1054/M7.17.1550M	МАЛЫЕ ПРАВА - инос-рас.	ОМ	MT	10/0054/0097OM	02.02.2017 - 02.02.2017	20.02.2019	398.54 RUB	Оценка расчета	0
0026/M7.18.7863M	КЦ Евразия МУХ	ДК	MT	0929/2197 DK	15.08.2018 - 15.08.2018	16.06.2019	63.00 RUB	Оценка расчета	10
1450/M7.17.1460M	МАЛЫЕ ПРАВА - инос-рас.	ИС	MT		01.04.2017 - 30.04.2017	21.02.2019	87591.35 RUB	Оценка расчета	0
1777/M7.18.2237M	КАРПО Фильм Менеджмент	КН	ABT	1799/0073 KH	01.07.2018 - 31.07.2018	27.05.2019	135049.42 RUB	Создан	0
0078/M7.17.3347M	МАЛЫЕ ПРАВА - инос-рас.	ИС	MT	0178/5519 IK	19.03.2017 - 19.03.2017	21.02.2019	2846.25 RUB	Оценка расчета	0

Found 19283 entries on 772 страницах 25 per page

RIGHTS HOLDER'S PERSONAL ACCOUNT - NEW POSSIBILITIES FOR RIGHTS HOLDER

RHPA

- > Management of phonograms, works, AVWs catalogues, uploaded into the System
- > On-demand updates of the catalogue
- > Accurate reports on catalogue usage
- > Detailed information on royalties accrued and paid for each work, phonogram, AVW
- > Creation of public music selections available to all users
- > Deposit of copyright objects



The screenshot displays the 'PERSONAL OFFICE - CATALOG' interface. On the left is a sidebar with navigation links: 'Catalog', 'Reports', 'Documents', 'Rightholder's documents', and 'User agreement'. The 'Catalog' link is active. Below it are expandable sections for 'Status of rights', 'Interested Party', 'Role', 'Type of work', and 'Genre'. The main area features a search bar and a table of catalog entries. The table has columns for 'TITLE', 'ALTERNATIVE NAME', 'PERFORMER', 'ROLE', 'INTERESTED PARTY', 'GENRE', and 'TYPE'. A 'Download catalog' button is in the top right corner. An 'Upload' button with an upward arrow is at the bottom left of the table area.

TITLE	ALTERNATIVE NAME	PERFORMER	ROLE	INTERESTED PARTY	GENRE	TYPE
1234567			K	Савельева Елена Борисовна	Аудио	MP3
Album		El cosmo group - группа	K	Косово Игорь Дмитриевич	Письма инструментальная	MP3
Another role to the moon		Сунейкина Аля Гасанович	K	Сунейкина Аля Гасанович	Письма инструментальная	MP3
Another role to the moon		Inner Square - группа	K	Майборода Денис Владимирович	Письма инструментальная	MP3
8800			K	Тысик Михаил Юрьевич	Письма инструментальная	MP3
Cherchez le bonheur			AT	Максим Анастас Александрович	Письма	MP3
			ATK	Савельева Елена Борисовна		
Beautiful (radio mix)		Inner Square - группа	K	Тысик Михаил Юрьевич	Письма инструментальная	MP3
			K	Майборода Д. В.	Письма инструментальная	MP3
Beside the frames		Inner Square - группа	K	Тысик Михаил Юрьевич	Письма инструментальная	MP3
Black sea		Inner Square - группа	K	Тысик Михаил Юрьевич	Письма инструментальная	MP3
			K	Майборода Денис Владимирович	Письма инструментальная	MP3
One Two Baby		El cosmo group - группа	K	Сунейкина Аля Гасанович	Письма инструментальная	MP3
			K	Косово Игорь Дмитриевич	Письма инструментальная	MP3
City of diamond jewels		Inner Square - группа	K	Тысик Михаил Юрьевич	Письма инструментальная	MP3

CUSTOMER RELATION MANAGEMENT

CRM

- > User Relations Management, starting prior to contract conclusion
- > Accounting of user revenues
- > Instruments for managing relations with courts and judicial authorities
- > Instruments for coordinating users and documents workflow automation
- > Labor remuneration calculator under a contract concluded
- > Internal chat

[illegible]

ADMINISTRATION

ADM

- Single system of rights holders and employees authorization
- Flexible control and access management with different roles and levels
- Single system of reference data input
- Possibility to unite personal accounts of rights holders and employees

PAO RMS Catalog BEATLES

English Apparent: George PHO

Catalog type: ☒ All ☐ Actual

Search

Type	Code	Usage CMC	Title	Alternative	Genre	Role	Author	Status of the author	%	Begin date	End date	Information	Status
MBO	00014707	040308	Lennon, John, 1940-1980	I Don't Want T.	Rock	ATK	LENNON, JOHN, 1940-1980	Manager/competence	25.00				Partially registered
						CM	SONO ATY TUNES SAG		0	12.01.2010			
						CM	EMPLOYEE		0	01.01.2015			
						ATK	McCormick, Paul James	Manager/competence	25.00				
						#	The Beatles		0				
						CM	SONO ATY MUSIC PUBLISHING (GERMANY) GMBH		0	12.01.2010			
MBO	00176393	030879	Lennon, John, 1940-1980	Lennon, John, 1940-1980	Rock	CM	SONO ATY MUSIC PUBLISHING (GERMANY) GMBH	Manager/competence	50.00				Partially registered
						CM	SONO ATY MUSIC PUBLISHING (GERMANY) GMBH		0	12.01.2010			
						CM	SONO ATY MUSIC PUBLISHING (GERMANY) GMBH		0	01.01.2010			
						CM	SONO ATY MUSIC PUBLISHING (GERMANY) GMBH		0	01.01.2010			
						CM	SONO ATY MUSIC PUBLISHING (GERMANY) GMBH		0	01.01.2010			
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Integration with international systems:

SCAPR

IPD – performers
VRDB2 – phonograms

CISAC

- > By objects
- > By authors of work
- > By rights for work

Cooperation with foreign CMOs

- > By rights for objects
- > By accruals and payments





THANK YOU FOR YOUR ATTENTION!