Standards for development and implementation of information system in the insurance industry of Kosovo

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Abstract

Rapid innovations in information technology have made big impact in the insurance industry. The use of information technology for the insurance operations is strategic, in the sense that there is a direct impact on the productivity of resources, and a major impact on reducing the company's costs for its activities.

Almost all modern business organizations are using and are becoming increasingly dependent on the application of information technologies. The information with complete and reliable data is necessary to participate in the tough competition that exist worldwide. As a result of this, competition is day by day increasing the demand for the Business Information Systems.

To have a complete overview on the role and application of information technology in the insurance industry, in the paper we intend to present the importance of facilitating the IT application, of different operators and insurance companies.

The paper provides a brief overview of the development of insurance in Kosovo in recent years, which is largely depended by the application of information technology, at every level of insurance activity in terms of production and in terms of management and planning. Information Technology, not only helps in the daily business of insurance companies but it has become an imperative to it.

Authors made the research in various insurance companies and have analyzed accurate information on work done by operators in the field.

The use of the online insurance system or of e-insurance, represents the fact that the IT revolution creates unprecedented basis for activities in financial growth all over the globe.

Keywords: Information, Technology, Insurance, Kosovo, Networks, IS, Business, MIS.

Indroduction

The Information systems in insurance companies are among the most important ingredients for successful operation. At the circumstances in which this activity takes place is impossible to build insurance activity without the support of information technology. Developments of insurance in Kosovo in recent years are largely dominated by the application of information technology at every level of insurance activity in terms of production and insurance, as also in terms of their management and planning.

Use of the information technology in insurance industries is a necessity of today and has the strategic importance in the sense that it has a direct impact on labor productivity and it reduces costs for companies and their activities. By utilizing Information Technology, the insurance companies will be informed on market needs and this improves sales, reduces cost, reduces risk and makes possible to become even more competitive in the market. Also, the paper discusses further fact that the modern information technology increases the ability of people to access and analyze data much more effectively than previous technologies, by trained individuals or by groups that use this technology to insurance companies where they operate.

The Information in the insurance industry relies on computer technology and communication and enables a new approach of working in the course of its development in general. Like no other field in the insurance business sector, information technology has changed the mode of operation, during which the cult of physical labor was replaced with knowledge and with automation. Application of information technology in the insurance sector is particularly important to systems of management and to automation of this field.

With the unique design of the TPL policy which includes: preparation, installation and the use of the computer system for online filling and administration of the TPL policy, we can say freely that the insurance market in Kosovo has entered in a new development phase, with adapting of modern rules and technics applicable in the countries of developed world (TPL = third party liability. Useful if you got into an accident where you hit a person), .

The main goal of treatment of this research paper, in the first place is to have more complete overview of the role and application of information technology in the insurance industry. The paper presents a detailed overview on the importance of facilitating during its application at work of the various operators and insurance

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companies, consequently resulting with better services to customers.

We have also noted that with the advent of private insurance companies in the insurance market, competition became stronger and more intense, as well as they have invested on information technology, which has played its role in the insurance sector.

Although information technology is not new in this sector, we can still notice that it can be improved every day, in all of the important departments, such as: accounting issues and policies, services, processing of claims, risk management, etc. The paper refers to general practice research, that has been made in various insurance companies, and as such provides the accurate figures that are done by operators in the field of insurance.

Insurance company as a New Financial Instrument in Kosovo

Insurance Industry, in the phase of rapid developments that has experienced Kosovo after the war, especially with the privatization of state companies and with the establishment of private companies, resulted with the creating of a general competitive insurance and financial market in Kosovo. The Establishment of a legal infrastructure, has been institutional base for the functioning of financial institutions, and among them the insurance companies. The term "insurance", unless the economic importance, has other general legal and technical importance, according to its etymological meaning of the concept of faith in something protective, safety, warranty, trust etc. But what else guarantee in words, who should do what, to whom is needed, in what manner is insured, from what is the client protected?

The principle of working in insurance, represents a chain of values in a social reproduction, while the success is supported with the development of the principles of economics and business. The whole essence of insurance, is based on providing clients conditions and guarantees (insurance part) by creating a partnership and a sincere trust, from the moment of conclusion of the contract (cutting of the policy), with taking responsibility within the time limit (specified by the start and expiry date). The contract with the insurance company bought by client risk, takes responsibility to a third party (the shuttle damaged party).

Terminology, Classification and Characteristics

While reading the literature on insurance industry the reader will notice the following terminology:

- The term "insurance" means buying of the financial protection against a potential risk identified as a loss and evidenced by the policyholder.
- The term "insurance company" means a person engaged in the provision of services to policyholders.
- The term "Insurance policy" means a written agreement between an insurance company and a policyholder to carry insurance.
- The term "general insurance" means all insurance, including health insurance, other than life insurance.
- The term "indemnity insurance" means the amount paid by the insurance company to the policyholder arising from an insured event.
- The term "insurance premium" means the amount paid by the policy holder to ensure.
- The term "life insurance" means the policy or policies of insurance indemnity is contingent upon the death of the person, or involves the payment of an annuity.
- The term "User" means any person designated in an insurance policy that has a right to compensation in the event of the occurrence of an accident.
- The term "agent" means a person who acts on behalf of an insurance company representing the services and products of that company.
- The term "broker" means a person who acts on behalf of an insured.
- The term "license" means a written authorization issued by the BPK for the insurance company or an insurance intermediary gives the right to engage in insurance activities as specified in the Rules, rules CBK and license.

The Central Bank is an institution that has authority for licensing, as well control of issuers in the banking system .

In the Kosovar market today operate a large number of insurance houses. When we say large number, we consider small population and number of vehicles in relation to insurance companies.

Insurance companies that are licensed to operate in Kosovo environment are:

- I.C. Croatia Osiguranje;
- I.C. Dardania;
- I.C. Elsig;
- I.C. Ilyria;
- I.C. Insig-Branch Kosovo;
- I.C. New Kosovo;
- I.C. Safety;
- I.C. Sigal-Grawe Group Austria;

I.C. Sigma.

Legislation and licensing conditions in Kosovo

The economy of our country, since the last war was destroyed completely, so after the war everything started from scratch. Development of a functional economy has been the duty and obligation of national and international institutions. In the context of the creation of such economic development, priority is given to the creation of the Banking and Payments Authority of Kosovo (BPK) later transformed into the Central Banking Authority of Kosovo (CBAK) and in 2008 it was appointed as the Central Bank (CB).

Creation of such financial institutions or authorities precedes the creation of a legjistrature and of legal infrastructure, based on the laws of a modern Western European market economy, thus creating a healthy and stable environment in comparison with other countries in the region. This helps in creating appropriate conditions for foreign financial institutions to increase the interest in investing in Kosovo. The creation of these financial mechanisms irrespective of their stage of development, have enabled the creation of conditions for development of an economy within existing environmental circumstances and Kosovo.

According to Article 9.1. the regulation on the licensing of a Insurance Company, one can not engage in the business as insurance company or insurance intermediary in Kosovo, if it is not licensed from Central Bank.

Structure and organization in insurance companies

Usually all Insurance Companies use similar organizational chart, that it is managed and directed from its central department and from the operating units that executes the orders received by the Director, and they are located in different locations. Vertical structural work continues through subsidiaries that are located in big cities, that are continued with offices and sales points of operators.

The overall presentation of the organizational structure of a company is as follows:

- Sector Separation of competences
- Division for product / insurance cover
- Markets division
- Division in sales channels

Tasks that belong to the respective sectors are divided as follows:

- 1. Analysis of competition and the needs of clients
- 2. Product Definition
- 3. The launch of the product
- 4. Insurance Needs Analysis
- 5. Defining risks and fees
- 6. Signing of contracts
- 7. Denunciation
- 8. Verification of damage
- 9. Assessment of damage
- 10. Liquidatio
- 11. Payment.
- 12. The investments
 - a. Investment Planning
 - b. Investment Management
- 13. Technical Reserves

Additional tasks which take place in an insurance company are: product development, strategic planning, marketing, internal organization, management control, internal audit, real estate management, support functions productive process, all of which are dependent on direct use of Information Systems (IS) respectively Information Technology (IT).

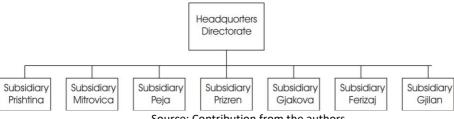
Organizing the Company - processes and organization of distribution channels

In general, structure for the compensation of accidents (accidents department) has autonomous functions of the importance of management "moment of truth" with the client. One of the core values of service for improvement of liquidation is the adoption of new information technologies for managing of distributed processes in the field.

Usually insurance companies in the country have started selling insurance products, policies TPL and TPLPLUS . The Organizational structures of companies in our country are composed of central directorate, organizational units and subsidiaries that are usually distributed in different regions of Kosovo, points of sale and operators offices.

Organizational Structure of the hardware equipment is provided below in graphical form.

Figure 1: Diagram of the main lacotions of an insurance company in Kosovo



Source: Contribution from the authors

Improvement of the management of the customer report must always be in special focus.

Information System of the Insurance companies enables the specialization of products and the need to establish reliable reports that customer has brought in:

- Presence of field operators
- Preparation of highly specialized professional figures.

Faced with these needs, insurance companies have chosen the following solutions:

- Management Agents of free structure (may be single or Plural-Mandatory), formed by an entrepreneur or more partners who promote sales of its products, commercial powers inside the territorial zone and the Guidelines arranged with insurance companies.
- Intermediaries-consultants who are bridges between the insurance company, customer care, and Sector for Preparation of the contract. The consultant is insured and has no connection with the insurance company.

The Information System has to be developed in Insurance and credit institutions, with the possibilities which should:

- See the possibility of lowering distribution costs
- Create new market segments
- Expand the potential market for investment reserves
- Be financial promoters who are freelance professionals specializing on financial products.
- Use forms of direct sales (telephone, Internet)
- Use other distribution channels.

Development of Information system, the role and importance of these

developments in the advancements of Insurance Companies

The information source is the key factor of development. The information presents constituent element of the right of freedom to use knowledge and therefore the company should provide an open system to such information.

Information system in insurance companies is among the most important ingredients for successful operation. The role of information technology is fundamental and in the circumstances in which this activity takes place, it is impossible to build insurance activity without the support of information technology. Development of insurance in Kosovo in recent years is largely dominated by the application of information technology at every level of insurance activity in terms of production and insurance, as well in terms of their management and planning.

The business sector produces goods and services with the aim of creating profit. Information technology describes any technology used to create, processed and distributed information that are critical to business performance. Information technology is important for the business and provides a management tool for the optimization of data processing for the implementation of products and services for profit.

The insurance sector will usually be out of function, without the Information System based on information technology, since its operation is impossible without the use of various applications for: policyholders printing, reports, statistics, graphs, etc.

The Financial sector of insurance companies today, without the application of a Information System, is impossible to maintain: accounting books, records of equipment, expenses and reconciliation of billing and payments through banks.

Information system is a system composed of people, data stored or activities that process the data and information, including manually processing or automatically. As the discipline of computer science, information systems research, does attempt to understand and justify the benefits of the affairs within the company and in particular in the insurance sector through information technology . Today, information technology and information itself have become one of the most important sources for the formation and executive leadership, along with people, money, materials and machinery.

Information system in the insurance sector can be defined as a set of interrelated components that collect, process, store and distribute information for decision making, coordination and control.

Information system in insurance companies helps leaders and operators in these companies to analyze problems and create new offerings on the market. The main role of the information system is that all operators, of all levels provides to the customers the right information at the right time, through which they can make decisions.

Hardware equipment in a sample insurance company in Kosovo

In Insurance companies of Kosovo, the hardware is distributed according to the capacity of the works carried out in any location. The main hardware center is always located at the branch where is also the director of information technology department.

Base on our research, hardware devices, except in the main center of the department of information technology, are usually composed of several PC computers: P4 CPU>2.4Ghz to 3.5GHz/HDD 40Gb to 500GB/RAM 4GB to 8GB / Monitor 15" to 19". Each computer has access to the Server and to a laser printer or plain Network Laser Printer. These devices allow users to access the Internet by VPN, with the exception of a few principal users who have also direct access to the network at the same time. Acces to the computers, Internet or VPN is determined by the nature of the work performed or position held.

Equipment like Servers are located in different locations of the department of information technology and their maintenance is responsibility of the management of the company's information system.

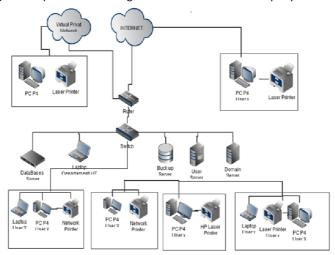


Figure 2: Tipical Network organization of Insurance Company in Kosovo

Source: Contribution from the authors based on situation in several IC-s

In most of insurance companies we noticed similar server specifications with: DELL/HP Xeon Quadro Core CPU 8GB to 16 GB; 3 to 4 GHz/RAM DDR2 8GB to 16GB/ HDD 2X500GB to 2x1TB Lan. The operating router is standard 48-inch IPKO and Switches are CISCO Technology.

Besides these mentioned hardware facilities, insurance companies has some specific equipment and different Digital Camera and Copy equipment. These devices are needed to record the information in electronic form or to create a hard copy by printing or photocopying different documents and photos, aimed to maintain information on a particular medium.

Software of Information Systems in the Insurance Companies

From the research of the paper, the authors have concluded that: Insurance companies in Kosovo use the Windows operating system, the software package Microsoft Office as well as the Linux operating system for the management server databases. From the most important applications that are in use is the establishment of IRIS project programs that are modular and divided into the following key modules:

- Module "IPIS GIRO" on databases for insurance category called TPL and TPL
 PLUS and printing policies for these types of insurance;
- Module "IAUA" for data management and records management operator generated by them,
- Module "IAS" that serves to cancellation of policies and creation of short-term policies,
- Module "IRRT" that generates statistical reports of r policies, and damage, a well made simultaneously through its insurance risk calculation,
- "ICS module" that serves to maintain evidence of damage and generates various reports for stocks, damage payments

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Figure 3: Form of "IRRT" module that presents certain period of realization by the number and value of TPL policy.

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Gilan	2943	736	0	3679	70,641,12 €	518,616,36 €	743		.917.03 €	265	57		
Span .	384,071.01 €	63,904.23 €	04	447,975.244	70,641.12 €	200,010.36 €	77,699.33	4	Yari ma	200	57		
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Priznen	795,855.59 €	30,566.78 €	0€	826,422.37 €	130,978.1€	957,400.47 €	54,217.99	4	1,382,40 €	509	31		
2400	1686.	172	0	1858			100	Cario		144	53		
Galove	221,082.04 €	12,417.26€	04	233,499.3 €	36,708.5 €	270,207.8 €	14,921.27	4 200	5,296.53 €	Lee	- 63		
	5032	449	0	5481			505						
Peje	770,005.85 €	46,649.35 €	04	016,605.2 €	129,230.12 €	945,915.32€	59,136.60	4 000	,778.64.6	417	61		
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	5,160,728.99 €	329,959.94	1,316-8 €	5,452,005.69 €	867,132.31 €	6,359,130 €	482,257.31	€ 5,870	1,880.69€	3476	592		

Source: Contribution from the authors

Module "IRRT" is used mainly by the officers of Insurance companies, that deal with the analysis of results of the operators for a certain periods of time. This module also enables the possibility to browse the detailed and summary reports of damage from the policy and from the operators. One of the specific values in the statistics is the ratio for calculating insurance risk underwriting for TPL holder simpler technologies that are shown in the form below:

Figure 4: Form of "IRRT" module

Prej		Deri	Risku Sigurues	Nr. Policave	Kthime	Police Total	Kapitali Variabil
Autobus nderurban	(Polica Total: 0) (Kapita	E 0 €)					
	5	0	310 €	4	4	0	04
				4	4	0	0
Autobus urban	(Polica Total: 10) (Kapital	: 2,500 €)					
	2	0	250 €	13	3	10	2,500
				12	3	10	2,500
Automiet per pasagiere	(Polica Total: 1812) (Kapitali	154,096 €)					
	0	750	33 €	2	0	2	661
	750	900	40 €	- 1	0	1	40
	900	1,100	50 €	24	3	21	1,050
	1,100	1,300	55 €	161	29	132	7,260
	1,300	1,500	60€	122	22	100	6,000
	1,500	1,700	70 €	572	67	505	35,350
	1,700	1,950	85 €	553	65	466	41,480
	1,950	2,250	105 €	394	46	346	36,330
	2,250	2,700	120 €	181	28	153	18,360
	2,700	0	140 €	89	25	64	8,960
				2099	287	1812	154,896
Automiet per transport	(Polica Total: 247) (Kap	Aul: 35,235 €)					
	0	0.5	100 €	30	3	27	2,700
	0.5	1	110€	151	22	129	14,190
	1	2	135 €	56	7	49	6,615
	2	3	165 €	14	- 1	13	2,145
	3	5	200 €	7	0	7	1,400
	5	7	235 €	5	1	- 1	940
	7	10	295 4	9	4	\$	1,475
	10	15	400 €	10	3	7	2,800
	15	0	495 €	7	- 1	6	2,970
				289	42	247	35,235
Motocklete	(Polica Total: 1) (Kapital: 3	0 ()					
	100	175	30 €	1		1	30
				1	0	1	30
Rmorkio	(Polica Total: 14) (Kapital: 1	780 ()					
	0	1	154	2	0	2	30
	10	15	55 €	4	1	3	165
	15	0	65.€	11	2	9	585

Source: Contribution from the authors

enables filling on it.

The creation of TPL policy and TPLplus, is made by operators in offices that are located in various locations throughout the territory of Kosovo. Module "IPIS" as a basic module is designed for the policy databases of customers and vehicles and

Figure 5: Form of IPIS GIRO for creation of Insurance Document for a certain period of time



Source: Contribution from the authors

The Review of policies for operators created for a certain period

The form with the structure of data in the table of TPL and TPLPLUS insurance database, is as follows:

Table: The form with the structure of data in the table of TPL and TPLPLUS insurance database

Policy_Nr	From_Date	To_Date	Name_Surname	Plates	Chesis_Nr	Prime	VAT	Total	Issue_Date	Agent_ID	Username
2011707	12/06/2008	12/06/2009	ALTIN TIGANI	538-KS-727	W VW 2221J2XW 564818	105.00	15	120.75	12/06/2008	1198	burimshala
2041329	19/07/2008	19/07/2009	MENTOR SALIHU	537-KS-537	W BAFA710X0LW 19604	210.00	15	241.50	19/07/2008	1205	jakup12
2044866	24/07/2008	24/07/2009	DEVOLU COMPANY SH.P.K	484-KS-835	W D864519215254830	760.00	15	874.00	24/07/2008	1198	burimshala
2060394	13/08/2008	13/08/2009	FAREDIN SADRIU	431-KS-866	VF7ZADB0012DB2994	85.00	15	97.75	13/08/2008	1229	agron2008
2062863	18/08/2008	18/08/2009	DRENUSHA BRAHA	527-KS-257	W OLOSBF68X4340650	74.00	15	85.10	18/08/2008	1216	arsimsh
2068151	26/08/2008	26/08/2009	QEMAJL RAMUSHOLLI	409-KS-718	W VW 222312NE107462	105.00	15	120.75	26/08/2008	1234	helilhesimi
2068540	26/08/2008	26/08/2009	MUSU SHABANI	491-KS-129	W VW 2227MZW V042386	130.00	15	149.50	26/08/2008	1224	mmurseli
2074591	04/09/2008	04/09/2009	XHAFER GASHI	900-KS-276	W AUZZZ89ZJA113065	180.00	15	207.00	04/09/2008	1191	muhamer
2074925	04/09/2008	04/09/2009	N.T ISTOGU		W MAT32C352M218698	610.00	15	701.50	04/09/2008	1236	gjoshi
2076069	06/09/2008	06/09/2009	BESIM LEKU	534-KS-504	W BADM61000GN11879	210.00	15	241.50	06/09/2008	1233	mbytygi
2076157	08/09/2008	08/09/2009	EJUP GASHI	566-KS-746	W MAH05ZZZYG148791	454.00	15	522.10	08/09/2008	1236	gjoshi

Source: Contribution from the authors

Applications for TPL, TPL Plus policies and for the evidence of damage are usually computer programs that are created by the external contractor. These applications are installed on shared servers of all insurance companies that are registered in the Central Bank of Kosovo. Access to these programs is through the VPN network which is implemented and maintained by external contractors. These applications function in networks at any point with the dedicated VPN, installed specially only for insurance companies. Quality, safety of data and of applications into the net level are high.

Companies are also functional in other applications that are pertaining to the insurance field:

- Integral based Application for calculating of the premium data transmission, different reporting to CBK needs and tax administration.
- Application for Accounting and Finance
- Personal Accident Insurance Application
- Application for Casco insurance of vehicles
- Application for travel health insurance
- Insurance Application for tenders and contracts
- Application for insurance of property
- Application for life insurance.

Other security applications that are developed in MS Access database, these applications can work as special applications on a computer and applications for many users. An application apparance of Casco insurance of vehicles is shown below.

Figure 6: An application apparance of Casco insurance of vehicles Data e pageses 06/03/2010 Numri i pytesorit Mbulimet e ofruara Ngritje nga primi bazë • Pa pjesëmarrje në dëm 1: Aksidenti (përplasja) dhe rrëzimi 0 % Ka shkaktuar dëm me policë paraprake 2: Zjarri, eksplodimi dhe rrufeja Mosha e pranarit është 18-24 vjet 0 % 0 % Sigurim edhe për jasht Kosovës 3: Rreziget natyrore(stuhia,bresheri,bora, 0 % Sigurim TAXI 0 % 4: Thyerja e gjamave gjat gëndrimit në parking Total përqindja e ngritjes 0 5: Vjedhja, tentim vjedhje Data e fillimit 06/03/2010 6: Zjarri,eksplodimi, rrufeja, vjethja, tentim vjedhje gjatë qëndrimit në garazhë të mbyllura 06/03/2011 Email adresa e te sio 0% 0 % Sigurimi i aksidentit personal- shoferi 0 % Sigurimi i aksidentit personal-dhe 0 % imi i pesë e më tepër automjete Prodhues 0 % Modeli dhe tipi Shuma e sigurimit për kasko Primi bazë për kasko: Shuma e sig. Aksiedent personal Primi për aksident personal: Personat tjere qe mund te per Emri dhe mbiemr Adresa dhe vend

Source: Contribution from the authors

This application enables interactive work for the premium calculation by modifying the input parameters.

All other applications for insurance are built in order to provide an easy task to use and enables interactive calculation value for the insurance premium.

The main form for the provision of people who have had accident

One of the most important application of Information System in Insurance Companies is an integral basis for calculating of all different types of insurance. Some reports that are generated in table form by time periods will be presented below:

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Figure 7: Generated Report of the premises and the number of insurance policies by type for a given month.

Total of premiums based on type of Insurance

09/2014

Produkti	Numri policave	Premija	TVSH	Gjithsej	Nr.pol. te kth.	Viera pol. idh.	TVSH pol. ldh.	Gjth. kthim	Total nr. pol.	Total premija	Total TVSH	TOTAL
01-TPL	2,125	337,858.62	54,057.34	391,915.96	51	7,507.99	1,20128	8,709.26	2,074	330,350.69	52,856.06	383,206.69
03-TPL FLUS	273	9,49281	1,518.92	11,011.73	2	40.42	647	45.39	271	9,452.39	1,512.45	10,964.84
07-Kasko	4	1,776.00	284.16	2,06016	0	0.00	0.00	0.00	4	1,776.00	284.16	2,050.15
10-Shendeti ne udhetim	1,050	24,263.21	3,882.31	28,145.52	8	33299	53.28	395.27	1,042	23,930.22	3,829.03	27,759:25
13 - Bid Bond	36	3,944.00	602.00	4,54500	3	54.00	8.64	62.64	33	3,890.00	593.36	4,483.36
Grand Total	3,488	377,334.64	60,344.73	437,679.37	64	7,935	1,269.66	9,205.06	3,424	369,399.24	59,075.06	428,474.30

Source: Contribution from the authors

Figure 8: Generated form from IS with the Report of the premium and the number of policyholders by affiliates, operators and providing for a given month

PREMIUM BASED ON BRANCHES AND OPERATORS 11-TPL Ferizaj												
Name_Sumame	Nr.pol.	Primi	TVSH	Gjithsej	Nr.pol. te kthyera	Primi kthyer	TVSH Kthyer	Gjithsej kthim	Total nr. policave	Total premi	Total TVSH	Gjithsej e mbetur
Luan Hosha	147	22,965.39	3,658.46	26,523.85	3	488.08	78.08	566.11	144	22,377.36	3,580.38	25,957.74
Halil Hasin i	108	16,082.39	2,573.18	18,655.57	2	111.81	17.89	129.70	105	15,970.58	2,555.29	18,525.87
Agron Agushi	44	6,777.13	1,08434	7,851.47	0	0.00	0.00	0.00	44	6,777.13	1,084.34	7,881.47
Charles Donnel												

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Gjanore												
Name_Surname	Nr.pol.	Primi	TVSH	Gjithsej	Nr.pol. te kthyera	Primi lthyer	TVSH K#yer	Gjithsej kthim	Total nr. policave	Total premi	Total TVSH	Gjithsej e mbetur
Enver Byci	47	6,644.56	1,063.13	7,707.69	0	0.00	0.00	0.00	47	6,644.56	1,063.13	7,707.69
Genc Shasiyari	47	6,262.13	1,00194	7,254.07	0	0.00	0.00	0.00	47	6,26213	1,001.94	7,254.07
V faznim Koznika	19	2,820.00				0.00	0.00	0.00	19	2,82000	451.20	
	113	15,726.69	2,516.27	18,242.96	0	0.00	0.00	0.00	113	15,726.69	2,516.27	18,242.90

Name_Surname	Nr.pol.	Primi	TVSH	Gjithsej	Nr.pol. te kthyera	Primi ithyer	TVSH Kthyer	Gjithsej kthim	Total nr. policave	Total premi	Total TVSH	Gjithsej e mbetur
Agron Musliu	45	6,074.01	971.94	7,045.85	4	757.37	121.19	\$78.55	41	5,316.64	850,66	6,167.30
Arbenita Nehmeti	39	5,279.80	844.76	6,12456	0	0.00	0.00	0.00	39	5,279.80	\$44,76	6,124.56
Artan Arifi	29	3,631.00	580.95	4,211.96	1	38.19	6.11	44.30	28	3,59281	574.85	4,167.66
Valbora Durbica	26	3,578.00	572.48	4,150.48	0	0.00	0.00	0.00	26	3,57800	572.48	4,150.48
	139	18,562.81	2,970.04	21,532.85	5	795.50	127,29	122.85	134	17,747.25	2,842.76	20,610.00

Source: Contribution from the authors

A very important report that is used for determining the solvency of an insurance company is also carrying calculation of the premium.

Figure 9: Generated form from IS with the Report of the transfered premium for a given Period

Transferred Premium 01/01/2015 - 31/03/2015 01-TPL data_fill data_mba nr_pol primija prim_fi prim_ba 02/06/2008 02/06/2009 109.41 109.41 Sum 109.41 109,41 0.00 03/06/2008 03/06/2009 20 1,639.57 1,639.57 0.00 22 Sum 1,748.98 1.748.98 0.00 04/06/2008 04/06/2009 14 704.93 704.93 0.00 36 2,453,91 2,453,91 0.00 Sum 05/06/2008 05/06/2009 11 0.00 597.50 597.50 47 3.051.41 3.051.41 0.00 Sum 06/06/2009 15 0.00 06/06/2008 1.163.95 1.163.95 62 0.00 Sum 4,215,36 4.215.36 07/06/2008 07/06/2009 0.00 3 158.43 158.43 Sum 65 4,373,79 4.373.79 0.00 08/06/2008 08/06/2009 1 67.96 0.00 67.96 Sum 66 4,441.75 4,441.75 0.00 09/06/2008 09/06/2009 23 1,432,11 1,432,11 0.00 Sum 89 5,873,86 5,873.86 0.00 10/06/2008 10/06/2009 1,171,55 1.171.55 0.00 Sum 105 7,045.41 7,045.41 0.00 22 11/06/2008 11/06/2009 1,494.39 1,494.39 0.00 Sum 127 8,539.81 8,539,81 0.00

Source: Contribution from the authors

This generated report from the Information System is detailed and reflects the number of policies created for each day, enabling the calculation of the premium, the premium earned and unearned premium from the point of a certain period, giving total general parameters listed at the end of each day.

Important details from the Software of Information Systems in the Insurance Companies

Customer data information

Information System and technology should be safe and have the storage capacity of the large number of operations for clients, their addresses, phone numbers, email addresses and other relevant details. For the purpose of operators insurance companies keep records about their customers details.

Data on insurance policies

Information System and technology becomes day by day more complex, for all

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those companies that issue insurance policy through various lines of insurance. Details from any officers, ranging from life insurance, house, car, business products,

need to be handled carefully and also placed in the client record.

Claims Management

Investigation, payment and recording of data is fundamental for financial stability of insurance companies. Information System and technology plays a crucial role, in allowing the operators to record details of the damage and to share information with the police, with other operators, with causers of the damage or with beneficiary.

Beneficiaries

Life insurance companies are obligated to use database technology for the benefits of the registered property policies. Besides the personal details of individuals in the insurance policy, they also provide the beneficiaries' names, addresses, telephone numbers and of the information that belongs to them in case of death. These details are of particular importance.

Transparancy on Information and online presence of Insurance Companies in Kosovo

Perhaps the most essential areas which require an efficient information technology are the customer's payment details. Besides other operations, the Information system has to generate billing, as a business opportunity to stay in the market. Cash Flow is of vital importance for the company, in its daily activities and if there is a lack of technical assistance and information processing systems, the company will be put at risk in its financial stability.

Great revolutionary changes in technology have revolutionized the entire Sector of insurance. The insurance industry is an industry with a lot of things, data, and thus, it is necessary that this information be used for trend analysis and personalization. With increasing competition among providers, this service has become a key service. Moreover, customers are becoming more demanding and interested in the technology by which insurers operate.

Information Technology gave great inputs to the insurance companies and through its efficiency can reach tasks better for policyholders. Developing technology also helps in another direction, it enables management to review performance and take corrective action when necessary.

In Kosovo this technology is not yet optimized and following the development of information technology in EU countries would be appropriate to change gradually as a first challenge. Today we have the revolutionary changes in communication

with policyholders, and various steps have been taken in the developed countries. Inter-Voice Response System is introduced in such a way that policyholders can find different types of information such as the state of the policy, the position of the premium, the loan amount, benefits, bonus collection. This ensures that premium

payment or generated reports on the condition of the reinstatement, credit or delivery fees at any branch which is in the land of his nearest residence.

E-mail links are created in every office, of every department at all regional offices and headquarters. Various web-sites are created with the purpose of connecting to the Internet and through which the company provides information about the organization, product or service. Such web-sites are well established in Kosovo today and we have counted dozens of such as are: www.dardania.com, www.kosovaere.com, www.illyriainsurance.com, www.sigma-ks.net, www.sigal-ks.net, www.ks-siguria.com, www.elsig.com etc.

Conclusion

This research paper would raise technical, professional and commercial issues that reflect with the reality of modern insurance agencies and Information Technology. The insurance itself contains problems of different nature, which have to be overtaken and at the same time find the solutions that meet with the customers' needs.

The paper, provides ideas and new techniques of development of the insurance industry in Kosovo. During elaboration of its practical facts, the application of information technology in insurance companies in Kosovo was taken into consideration, and the same have been simplified as far as it was possible.

The history and development of insurance companies and their role toward economic development is also presented in the paper in a comprehensive way, in relation to reducing of the level of unemployment as well as providing of more qualitative services for customers of these companies. In particular, paper presents the importance of information technology in business and to what extension it has facilitated the work performance and the experience, how has technology replaced the man in performing of activities which have been difficult to accomplish.

Nowadays the Information Technology is presented as an indispensable need in every sphere of life and as such it is also applicable with the insurance industry.

The existence of insurance companies in Kosovo and worldwide, cannot be imagined without information technology and its application. In recent years the Information Technology is applied in all spheres of Insurance business.

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