#### Annex 10. Checklist of the DEAE-ISDE model.

#### **Checklist**

The following checklist represents a tool to identify the breachs that impede the strategic development of your organization. The answers to these questions can be classified from 0 to 1: from very low achievement (0) to high achievement (1), each state or situation that is presented in each question is marked by the values: 0 (first state), 0.1-0.2-0.3 (second state), 0.4-0.5-0.6 (third state), 0.7-0.8-0.9 (fourth state) and 1 (fifth state); You can only choose a score value within a state depending on the achievement that you consider that exists in the organization regarding the element to be evaluated. Once the list has been answered by at least 9 evaluators that meet the requirements set forth in the application procedure of this tool, a response based on **fuzzy logic** will be given, which is a language that provides reliable results for decision making through a mathematical model that decreases uncertainty in the final answer when it is based on expert opinion. This response will have a result between 0 and 1, the closer the value is to 1, the more satisfactory the results of the evaluation of your organization will be.

#### Stage I. Process-based Strategic Design

**1.1 Strategic Team (ST).** Is there a team formed by specialists from different fields that work in the strategic projection of the organization, and through IT (Information Technology) achieve efficient results in the short and long term?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
Teamwork for	An	organi	ization	There a	re multidis	ciplinary	There ar	e multidis	sciplinary	A multidisciplinary team
strategic projection is	manage	ement	team	teams	that	perform	teams t	nat carry	out the	is defined that leads the
carried out in an	has be	en crea	ated to	complex	work wi	thin the	activities	of the	he key	strategic changes of the
isolated and	solve		eryday	- 3 1 -	cesses w				on the	organization and
sporadic manner	problen				or the fu				on of the	strengthens the
when necessary and	vision (				into acco				without	relationships between
is almost always		am is i			ships of				ount the	senior management
made up of the main	compos		of		es with the				the key	and the teams in the key
managers without	membe			the		ization's			e rest of	and functional
the participation of	governi	0			es. They				of the	processes that provide
specialists and	IT are				a team in t				y obtain	impact results in the
experienced workers	display	ıntorr	mation		nen they u		3		team in	short and long term
of the organization.	only.				ort for info				ng term	through efficient use of
IT are not the means				exchang	,	and	when		use IT	IT.
to reach solutions to				commur	lication.		intensive	,		
problems.							commun		and	
							manage		of the	
							Kriowied	ge gener	aleu.	

**1.2 Communication between actors of the organization (CBAO).** ¿Communication through Information Technology and other channels with client suppliers, administrative, regulatory and social entities; and with the workers does it contribute to increasing the performance of the important relationships of the organization that add value to the key processes?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		1	
IT are only used for	IT a	re use	d to	IT a	re use	d to	IT a	re use	d to	The maxim	num use of I	ΙT
independent functional	commu	ınicate	some	commu	nicate th	ne most	commu	nicate a	all the	and the e	fficient use o	of
activities in key and	results	of ke	y and	importa	ınt result	s of the	importa	nt results	s of the	other inforr	nal and forma	al
functional processes.	functio	nal prod	esses.	key a	and fur	nctional	key a	and fun	ctional	communica	tion channe	ls
The channels of formal	Informa	al		proces	ses. I	nformal	process	ses. Ir	nformal	contribute to	o progressive	ly
and informal	commu	ınication		and for	mal char	nels of	and		formal	increase th	e performand	ce
communication are	channe	els work	better	commu	nication	work	commu	nication		of internal	and externa	al
deficient and many	than fo	ormal ch	annels		ne exte			ls work	and	relations	and th	
problems are	and	problems	s are	expedit	e mana	gement	relation	ships	have	contribution	of continuou	zs
generated due to the	genera	ted b	ecause	a bit b	ecause	internal	increas	ed	their	value to key	processes.	
lack of internal and		I and e	xternal	and	E	external		nance be				
external	commu	ınication	is	commu	nication	has	interna	l and e	xternal			
communication.	insuffic	ient.		improv	ed some	what.	commu	nication	has			
							been st	rengther	ned.			

**1.3 Strategic course (SC).** Does senior management efficiently develop the strategic projection of the organization?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7		0.8	0.9	1
No, only the	The project	tion of	the	The p	orojection	of the	The	project	tion o	of the	The projection of the
current situation	organization	n is ca	ırried	organi	zation is c	lesigned	organiz	zation is	s made	from the	organization
is analyzed and	out based	d on	the	based	on the kn	owledge	knowled	dge of	manag	ers and	supported by the IT is
short-term	knowledge	of	the	of mai	nagers an	id some	speciali	ists in t	the diffe	rent key	carried out, based on

objectives are projected from there.	managers and annual objectives are defined. Very few objectives are achieved.	specialists, management techniques are not used to define the current and future situation, and annual and medium- term objectives are defined, which are neither challenging nor represent a leap from mission to vision. The update of the strategic projection is sporadic. Some objectives materialize in the strategic period, others do not.	processes of the organization, management techniques are used to superficially define the current and future situation, long-term objectives are defined that represent a small jump from mission to vision. The update of the strategic projection is annual. Most of the strategic objectives are met.	the knowledge of the managers and specialists in the different processes obtaining relevant information from the management of the IT, management techniques used allow to define the current situation widely and future from external and internal diagnoses, long-term objectives are defined that are challenging and represent a great leap from mission to vision. The updating of the strategic projection is quarterly, this
				the strategic projection

**1.4 Diagnosis, Design and Redesign of the Key Processes (DDRKP).** Are key processes diagnosed, designed and redesigned according to the strategic projection of the organization and based on increasing the value added to products and services?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
No, key processes have never been redesigned, and diagnoses are rarely made, only when there have been serious problems or external audits.		cesses diagr al or ex carried stra is de	are nosed ternal out. ategic fined,	The k diagnorarely elemento the service when project the p	ey proces osed annu redesign ents that a e produce es are no	sses are lally, but led, the dd value cts and ot clear, strategic updated odate is	The key diagnosed annually ta the upd projection organizatio Manageme although the add value and services	process and rec king into ated of n and the int ne eleme to the   es are cle ocesses	les are designed account strategic the e Quality System, ents that products ar, when are elements	The key processes are diagnosed and redesigned annually taking into account the updated strategic projection of the organization, the elements that add value to the products and services are clear, each time the processes are redesigned these elements are renewed or increased.

**1.5 Diagnosis, Design and Redesign of Functional Processes (DDRFP).** Are functional processes diagnosed, designed and redesigned according to the updating of key processes and based on efficiently meeting their needs?

0	0.1 0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		1	
No, the	Functional process	ses are	Functiona	l process	es are	Functional	process	es are	Functional	processes	are
functional	sporadically diagnos	sed when	diagnosed	۱ ;	annually	diagnosed	;	annually	diagnosed a	annually acco	ording
processes have	there are problems the	nat greatly	according	to the p	roblems	according t	o the up	date of	to the up	date of the	key
never been	affect the performan	ice of key	occurred	in the	e key	the key	/ pro	cesses.	processes.	They	are
redesigned, the	processes or when	n external	processes	. They	have	Sometimes	they	are	redesigned	annually	and
diagnoses that	entities carry out cont	trols. They	sometimes	s been red	esigned	redesigned	wher	n the	ensure	the eff	ective
are made are	are never redesign	ned, they	as a	result o	of the	diagnostic r	esults ha	ve been	functioning	of the	key
only when there	always run the sar	ne. Many	reorganiza	ation of	the	very negat	ive. So	netimes	processes	guaranteeing	the t
have been	times they do not sec	cure all the	organizati	on itself.	Many	they do no	t secure	all the	continuous	value additi	on in
serious problems	necessary resources	s to carry	times they	/ do not se	cure all	necessary	resour	ces to	products an	d services.	
in the	out the key processe	s.	the neces	sary resou	irces to	perform the	key prod	cesses.			
organization.			carry out t	he key prod	esses.						

Stage II. Strategic Design Based on the Business Architecture Approach (SDBBAA).

- 2.1 Strategic Business Dimension (SBD).
- **2.1.1 Process Surveillance Management (PSM).** Does the organization through IT carry out surveillance actions to strengthen and improve the organization's processes and their relationships in the short and long term?

	1									) .
Λ	0.1	$^{\circ}$	1 0 2	$\cap$ $\Lambda$		06	07	$\sim$	$\cap$	1
U	0.1	0.2	0.3	0.4	0.5	0.0	0.7	0.0	0.9	

In the organization, Some surveillance Disordered surveillance Surveillance actions are There information search actions are carried out to actions are carried out to carried out based on the standardized actions are carried solve some critical solve and anticipate the identification of variables monitoring process in out through IT but problems in the key occurrence of problems to be monitored and the all processes they are not used to processes taking that affect the efficiency contributes treatment of said variables, although not update and improve advantage of resources of the processes in continuous processes. such as the Internet. general, these actions in an integrated manner, improvement of these are still insufficient to anticipate and cope with the continuous changes and keep the relationships, and is changes and demands of risks that affect the integrated into the processes the environment. and the strategic projection of performance of their the organization. internal and external relations controlled.

**2.1.2 Process management and automation (PMA).** Does the management of the automation of the activities of the organization contribute to the improvement of the performance of the processes?

0	0.1 0.2 0.3	0.4 0.5 0.6	0.7 0.8 0.9	1
No, the key and functional processes have automated activities in a disintegrated way which generates many problems instead of solutions.	Very little, the automated key and functional processes generate problems because there are disconnections between some processes, mainly between the key ones, the automated systems reproduce problems in the design of the processes and time losses occur due to this cause.	To some extent, since some adjustments have been made in the design of the processes and in the applications that support them, this has contributed to the key processes being carried out with greater agility, but there are still technical problems that cause process stops for a while.	To a large extent, since adjustments are made systematically in the design of the processes as changes occur in the environment of the organization, together with the updates of the applications to support them and integrate them further what has allowed to reduce execution times of activities and make better decisions, although it is not yet possible to integrate all processes through existing IT.	Fully, well-designed, automated and integrated processes contribute incrementally to adding value in the organization.

**2.1.3 Ability to respond to changes (ARC).** Are the processes flexible and respond to changes and demands of the environment in the short term supported by the IT that supports them?

0 0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		1	
No, there is structural inertia, the processes are not prepared to give quick answers, nor they have identified risks in this regard and the IT that support them do not admit immediate modifications.  Some production of defined particular their risk do not in manage the IT that support them do not admit immediate modifications.	ocesses ossible ris plan, but idicate ho them or that sup in contribut therefore respond	have sks in t they ow to how oports ute to e, the I only	The pr plan de actions change general and the solution have implement responders process disabili	ocesses had a fined that a on how to be that a trequire at require not mented in I se capacises is limittes not that in its contact in I se capacises is limittes not that in its contact in I se capacises is limittes not the secont that in its contact in I se capacises is limittes not the secont in its contact in its con	ave a risk includes manage that are expectedly a quick expections been T, so the ted for IT aken into	Most pri risk pla their manage change: updated to face taking in establis only we change:	ocesses n define actions e unex s. IT d and pre these ch nto accou hed risk   borks whe s are in en the ch	have a d with to pected are epared langes unt the plan. It en the ternal,	unexpected are updated and prepared t changes account th risk plan. are prepare	ed with to ma changes d and ren systema o face taking ne establ The proce ed to face and ex at are gene g their exp	their inage is. IT ewed tically these into ished esses e the ternal trated

### 2.2 Strategic Dimension of Information (SDI).

**2.2.1 Management of the Relevant Information in the Processes.** Is information in the key processes that is important for adding value in products and services identified, selected, used and controlled through existing IT?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		1	
No, existing IT only	The existin	g IT, a	s well	The exist	ng IT, a	s well	The exis	sting IT,	as well	The existing	ng IT, as we	ell
allow to manage	as the curr	ent des	ign of	as the cu	rrent des	sign of	as the c	urrent de	sign of	as the curr	ent design o	of
process information	the key p			the key pr	ocesses	, allow	the key	processe	s allow	the key	processe	es
without taking into	not allow to			to ma	nage	some	to mana	age most	of the	allow to n		
account its relevance.	important		,	important		tion of	importar	nt informa	ation of	important		
	the informa					esses,	the ke			of the ke	y processe	es
	by the rule	s, regul	ations	although		the	although				llow th	ne
	and orde	rs of	the	managem	ent	of	does n	ot provid	de any	continuous	3	

management of the organization is always managed, and others that do not add value. Information management does not contribute to the aggregation of value in products and services.	not provide any value. Information management in general does not contribute to adding value in products		aggregation of value in the products and services.
--	--	--	--

**2.2.2 Information security (IS).** Is valuable information on key and functional processes secured through a computer security management system, and are IT prepared for it?

	0.4	0.0	0.0	0.4	0.5	0.0	0.7	0.0	0.0	
0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
No, the information that is	To some ex	ktent, al	though	The	managen	nent of IT	IT sec	urity man	agement is	IT are integrated into a
generated through the IT is	there is	a co	mputer	securi	ty in IT	and those	efficie	ntly ca	rried out	single technological
very likely to be acquired by	security	plan	in	that s	upport th	e key and	throug	h the	IT that	support that has a security
anyone with access to it and	accordance	)	with	function	onal pro	cesses is	suppo	rts the	key and	system for all the
even modified and	resolutions	of the N	/linistry	carrie	d out thro	ugh what is	function	onal proc	esses and	information generated,
misrepresented.	of	Infor	mation	estab	ished	in the	this is	constant	ly updated,	based on a strategic plan
	Technology	/	and	comp	uter sec	urity plan,	securi	ty systei	ms reduce	for information security.
	Communic	ations,	the	there	is within	the IT a	the c	occurrenc	e of fatal	There are alliances with
	implementa	ation c	of this	netwo	rk ۱	ulnerability	risks t	to the org	ganization's	organizations that provide
	plan in key	and fun	nctional	detect	tion syste	em that is	inform	ation,	although	information security
	processes	is	still	still i	nsufficien	t, workers	worke	rs are no	ot prepared	services that keep
	insufficient	aı	ntivirus	are i	not train	ed to act	to pre	vent an ir	ncident that	information protected, the
	programs	are	not	adequ	ıately	against	may t	hreaten t	he security	organization's workers are
	effective	in the	fight	comp	uter att	acks and	of info	rmation.		frequently trained in
	against	ma	alicious	preve	nt their oc	ccurrence.				computer security issues.
	programs	and the	e local							
	network ar	d interr	net are							
	not protect	ed.								

**2.2.3 Information Integration for strategic decision making (IISDM).** Do the IT of the organization allow the efficient integration of the relevant information of the key and functional processes for making appropriate strategic decisions?

0	0.1 0.2 0.3	0.4 0.5 0.6	0.7 0.8 0.9	1
No, Existing IT use	Existing IT use different	In IT there is a certain	In IT there is	In IT there is homogeneity in
different languages,	languages, forms and	homogeneity in the	homogeneity in the	the language, forms and styles
forms and styles to	styles to convey	language, forms and	language, forms and	to transmit and present
transmit information	information about key	styles to transmit and	styles to transmit and	information on the key and
that is often not	processes that is	present information	present information on	functional processes that is
important and	sometimes not relevant	on key processes that	key and functional	relevant and integrated, which
strategic decision	and strategic decision	are sometimes not	processes, which is	facilitates the making of
making becomes very	making becomes very	relevant and not	almost always	appropriate strategic decisions.
difficult. There is	difficult. There is	integrated, and	relevant but not	There is no duplication of
duplication of	duplication of	makes strategic	integrated, which	information in the systems. The
information in the	information in the	decisions unfeasible.	makes strategic	strategic decisions that are
systems that use the	systems that use the key	There is duplication of	decision making	made are feasible and do not
key and functional	and functional	information in the	difficult. There is	require much effort.
processes.	processes, and it takes	systems that use the	duplication of	
	many hours of work to	key and functional	information in the	
	gather all the	processes.	systems that use the	
	information.		key and functional	
			processes.	

# 2.3 Strategic Dimension of Computer Applications (SDCA).

**2.3.1 Application structure (AS).** Does the design and composition of computer applications, and their updates contribute to facilitate and perform efficient work on key and functional processes?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		1
The implemented	The	imple	emented	The	(	computer	The co	mputer a	applications	The	computer
computer	compute	r app	lications	appli	cations		implem	ented co	ontribute to	application	ons
applications	contribu	te to	some		emented		efficient	work	in the	implemer	nted
contribute little to the	extent to	the wo	rk in the	conti	ribute gr	eatly to	process	,			e to efficient
work in the	process	es, are	slow to	the	work	in the	with so	me freq	uency, are	work in t	he processes,
processes, far from		,	repeat		esses, a		flexible		anges and		systematically
helping, slow down	different		ctivities,	work	to be a lit	tle faster		are obs	solete and	,	which makes
the work and make	difficult		ate and		better that	-	underut	ilized.			obsolete, are
repeat different	generate		s and	done	manua						changes and
activities, are difficult	interrupt		n the	repe		different				are used	intensively.
to update and	process	es fre	quently;	activ	ities, are o	difficult to					

flexible and are mostly obsolete. they are not flexible to changes and some are obsolete and underutilized.
---

**2.3.2 Interoperability level (IL).** Do the computer applications of your organization allow the exchange and integrated management of the information needed for the effective operation of the processes?

0	0.1 0.2 0.3	0.4	0.5	0.6	0.7	0.8	0.0	4
0		0.4					0.9	
No, applications	Some applications	Most a	applications	that	All app	lications	that	The computer applications
generate	that support key	support	key pro	cesses	support	key	and	work under the same
information	processes can	can exch	nange infor	mation	function	al proce	esses	technological support that
independently and	exchange information	between	them. Inte	egrated	can	exch	ange	allows the efficient exchange
can only be	between them, which		on manag	rement	informa	tion bet		of information and the
exchanged	does not manage		,	some	them.		rated	integrated management of
through email or	information in an	application	•		informa		iatoa	the same automatically.
person to person.	integrated way, they		activities. T		manage		is	which means that, the
person to person.					U	out by		
	only generate and		gration be			,		update of an information in
	store it in existing		r application	-,	applicat		to	an application generates the
	databases. There is		ication be		process			update of the same
	no integration	processe	es is difficul	lt.	There	is	little	information in the rest of the
	between computer				integrat	ion bet	ween	applications with which it
	applications, so				compute	er		interacts automatically.
	communication				applicat	ions,	so	There is good
	between processes is				commu	nication		communication between key
	difficult.				between	n process	ses is	and functional processes
					difficult.			through computer
					aca.t.			applications.
								applications.

**2.3.3 Use of computer applications in processes (UCAP).** Are existing computer applications fully utilized for the execution of processes?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		1
No, there are	Some appli	cations	are	They are	exploit	ed to	Work is o	done to m	aximize	The	computer
applications that	not well expl	oited c		some ex	,		the use			application	
support the key	ignorance	of	their	their fun	ctionalitie	s are	and upo			integrated	
processes that are	functionalitie	-, -		used th	ey are	not		ry, it is b			chnological
underutilized and the	workers wh	o pref	er to	integrated	d, nor is	their	invest in	use than	in new		nat is fully
workers who use them	continue wit	h tradi	itional	update o	riented i	n this	technolo	gies, v	workers	exploited,	this has
do not know all their	ways of		cuting	sense,	which c	auses	are train			allowed to	generate
functionalities, which	processes w				,	not	is verifie			more a	nd more
does not allow to	into account	the be	nefits	exploited	to the ful	lest at	although	some	do not	value	in the
speed up the	of applica	ations	to		ot for		exploit it	to the ful	lest.		thanks to
execution of the	generate val	ue.		integratio							nt use by
processes.				and	fun	ctional				the worker	s.
				processe	s of	the					
				organizat	ion.						

# 2.4 Strategic Dimension of Technological Infrastructure (SDTI).

**2.4.1 Investments in Technological Infrastructure (ITI).** Does the process of investment in technological infrastructure (IT) allow to adopt and implement the appropriate technology, while optimizing costs and implementation time?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		1	
No, the investment	The investn	nent pr	ocess	The a	vailable	IT	A prod	cess fo	or the	There is a	process for	r
process is difficult,	is very d	ense,	often	technolog	y		selection	1	and	investmen	t in IT	Τ
expensive and	investing		in	infrastruct	ures tha	t may	impleme	ntation	of the	technology	,	
widespread over time,	infrastructur	e that	is not	be suita	ble for	the	most a	appropria	ate IT	infrastructu	ire based	d
the results of which	adequate.		The	organizati	on	are	infrastru	cture is	carried	on a	technical-	l-
are almost always	implementa	tion pr	ocess	analyzed,	which	the	out,	although	the	economic	feasibility	y
infrastructures that do	can take	years	which	implemen	tation pi	ocess	definitive	)		study, su	oported by	y
not respond to the	generates	high	costs	is difficult,	because	there	impleme	ntation t	akes a	the	curren	nt
needs of the	that are not	reimbu	rsed.	is little	understa	anding	long tir	ne after	r it is	regulations		
organization and do				and comm	nunicatio	n with	achieved	d, sig	nificant	resolutions	that allow	N
not contribute to				the provid	er organi	zation	advance	s in	the	the techno	ology to be	е
meeting the				that ge	nerates	high	processe			implement		
objectives for which				costs, a	nd eco	nomic	in a first			accordanc		-
they were acquired.				technical	fea	sibility	then pro			strategic p	rojection o	of
				studies a	re not d	arried	to risks	not tak	en into	the or	ganization	١,

	out , so it is not known with certainty when the investment will return.	account process.	during	the	optimizi and impleme	time	costs of
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## 2.4.2 Use of Technological Infrastructure (UTI).

Is technological infrastructure maximized to support the computer applications of key and functional processes?

0	0.1 0.2 0.3	0.4 0.5 0.6	0.7 0.8 0.9	1
No, the installed technological infrastructure is largely underutilized, computer applications have limited functionalities in correspondence with the support.	The installed technological infrastructure is underutilized to some extent, they only support the computer applications of some key processes. They do not allow integration between them which totally limits integration between key processes.	They are exploited to a large extent, although they fully support computer applications, integration is low for what is required by key processes, and does not exist in the applications of functional processes, which greatly limits integration between key and functional processes.	They are exploited to a large extent, fully support computer applications, integrate with each other, and allow the integration of key processes and some functional processes.	There is a unique technological support that is fully exploited, this has allowed to generate more and more value in the processes thanks to the integration that allows between the key and functional processes.

### 2.4.3 Integration between technological infrastructure platforms and computer applications. (ITIPCA)

Are the technological infrastructure platforms integrated with the computer applications that they

support?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9		1
No, the installed technological infrastructure is disconnected from computer applications, serious problems are generated with their operation due to lack of compatibility.	The technologic infrastructure integrated computer at the Application updated, infrastructure infrastructure causes problems operation of the technological infrastructure in the infrastructure in th	inscal re with ver pplication proces s but no re them, fre in	is ry few ons of esses. are that which equent the	The technolog infrastruct integrated computer the key papplicatio infrastruct supports updated the which cau problems operation processes	in: ical ure I with applicati rocesses ns and ure them o some e ises infre of	is the cons of s. The that are extent,	The technologinfrastru integrate compute the key process and rinfrastru are upcauses problem	ii pgical cture ed with er applica and fui es. Appli most o cture el pdated, s	is the tions of actional cations of the ements which poradic the	The technologic infrastructure integrated computer of the functional Application infrastructure systematicu updated, increases performance	with the applications key and processes. s and are ally which process

### Stage III. Implementation, Supervision and Control (ISC).

3.1 Leadership of the direction (LD). Does senior management as a change agent contribute to organizational development through the leadership of strategic change processes taking IT into account?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
No, senior management, although interested in organizational development, is not able to lead change projects or consider new technologies as tools to increase	Senior n traces a strategio the orga without t account	0.2 nanageme nd manag projection nization, b aking into the neces gical char	ent es the n of out sary	0.4 Senior matraces and strategic pathe organitakes into technologithat are morganizati requests a	anageme d manage projection ization and account ical char nade in the on, but	nt es the n of nd the iges	Senior management works as a good agent of change and recognizes the need to implement technological changes but is limited to implementing short and medium term actions and not strategic			The strategic projection of the organization takes into account the improvement of IT in line with the improvement that will be generated in the processes, the
performance.				requests a managem computer	ent in	its.		strategic n this reç		processes, the management together with IT specialists effectively and efficiently implements these changes.

3.2 Assimilation of Changes by Workers (ACW) Are new strategic changes positively assimilated by managers and workers?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
No, workers and managers offer resistance to change at all times which makes implementation difficult.	Manage understated lack contained mot mechan	ers often de and chang nmunication tivation isms to ge to assimil	o not e and on	Managers strategy s changes the impro actions pi assimilate workers, I strategy is in some v through m coercion a communic motivation	s carry or to that the establish vement ogram a ed by the out this s only eff vorkers a nechanis and not ocation or	ut a e ed in re fective and ms of	Yes, ma out a str the impr program by the w positive achieved commur activities resistant	nagers c ategy so ovement is assim- orkers, g results a d through nication s, althoug- ce to cha in some	arry that action ilated radual re	Managers occupy the role of change agents and through efficient communication methods ensure that workers adapt to change and increase their performance through the use of IT.

**3.3 Management of efficiency and effectiveness indicators (MEEI).** Do existing IT allow to manage the company's efficiency and effectiveness indicators based on the implementation of the improvement actions program, and finding causes in case of poor performance?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1	
No, existing ITs are	To a certa	in exte	nt, IT	To a la	rge exte	nt, IT	IT allow	to man	age all	IT allow to manage	in
only responsible for	allow to m	anage		allow the				indicators		an integrated way th	-
supporting	indicators		of	of proce	ess effi	ciency	efficienc	У	and	indicators of efficiend	су
processes and do not	effectivene	ss of	key	and so	me effi	ciency	effective	ness c	of the	and effectiveness	of
allow to manage	processes	becaus	e they	indicators	to to	be	organiza	ition,	both	the processes and the	ne
efficiency and	are import	ant to	verify	managed	, but th	ey do	strategio	and p	rocess,	strategic ones throug	gh
effectiveness	the	opera	ational	not allow	the de	tection	determir	ne the ca	uses in	an automated dynam	nic
indicators.	performand	e of	the	of caus	ses or	the	case of	ow perfo	rmance	integrated dashboa	rd
	organizatio	n,	but	execution	of trace	eability	and mar	nage solu	tions to	and control panels th	at
	strategic ir	ndicator	s are	actions fo	or the sea	arch of	increase	<b>:</b>	such	contribute to makir	ng
	not manage	ed.		causes ir	n case th	nere is	performa	ance, a	lthough	good decisions	to
				poor perf	ormance	of the	not in ar	integrate	ed way.	increase th	he
				processe	s accord	ling to				organization's	
				the res	ults of	the				performance	
				processe	s indicate	ors.				continuously.	

**3.4 Integration of IT - processes - strategic objectives (IPO).** Do IT integrate with the processes and the latter with the strategic objectives of the organization?

0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
No, IT work independently of processes. The	To some extent, IT respond to key processes through computer applications.			To a large extent, IT respond to processes, although they are not			IT respond in its entirety to the processes which are			IT, processes and strategic objectives are harmoniously integrated
processes are not redesigned in order to achieve the strategic objectives of the organization.	although the processes are carried out independently of the strategic objectives of the organization.			always redesigned to achieve strategic objectives.			updated according to the organization's plans to achieve the strategic objectives.			which allows to generate more value and raise the performance of the organization.

**3.5 Value Generation (VG).** Does the strategic program implemented contribute to incrementally generate value to processes with IT support?

0	0.1 0.2 0.3	0.4 0.5 0.6	0.7 0.8 0.9	1
No, the strategic program instead of contributing to generating value has increased the execution time in the processes, since more activities are carried out, the quality of the products and services is not increased and the relations between the internal and external actors of the	To a certain extent, it has been possible to contribute to generating value to the processes through the reduction of their execution time, although their performance does not increase or improve the relations between internal processes and neither of these with external entities, existing IT generally hinder such	To a large extent, it has contributed to saving time in the processes and eliminating unnecessary activities, although the performance of the processes does not increase at the expected rate. Some IT are contributing to strengthen internal relationships.	It helps to generate value in the processes on an ongoing basis, the relationships between the internal processes are good, but not the relationships with external entities, since IT do not yet strengthen these relationships.	It helps to generate value in processes continuously, the relationships between internal processes are good as well as relationships with external entities, allowing IT to further strengthen the performance of these relationships and therefore the performance of the organization.