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[54]	Title:	AUTOMATICALLY GENERATING CERTIFICATION DOCUMENTS	
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[57]	Abstract:	A certification application automatically generates a certification document associated with a service. A transformation module retrieves a component information associated with a status of a service from a data store maintaining the component information. The component security data and component metadata is included within the component information. The component information is transformed for insertion into a certification information. Risk analysis, phraseology, and localization data is used to transform the component information. The certification document is generated based on the certification template by inserting the component information into the certification template.	

limited to systems according to these example configurations. Automatically generating a certification document associated with a status of a service may be implemented in configurations employing fewer or additional components in applications and user interfaces. Furthermore, the example schema and components shown in FIG. 2 and 3 and their subcomponents may be implemented in a similar manner with other values using the principles described herein.

FIG. 4 is an example networked environment, where embodiments may be implemented. A system automatically generating a certification document may be implemented via software executed over one or more servers 414 such as a hosted service. The platform may communicate with client applications on individual computing devices such as a smart phone 413, a laptop computer 412, or desktop computer 411 ('client devices') through network(s) 410.

Client applications executed on any of the client devices 411-413 may facilitate communications via application(s) executed by servers 414, or on individual server 416. A certification application may automatically generate certification documents for the client devices 411-413. The certification application may retrieve a component information associated with a status of a service from a data store maintaining the component information. The component information may be transformed and inserted into a certification template to generate a certification document associated with the service. The certification application may store the updates or additional data associated with the component information in data store(s) 419 directly or through database server 418.

Network(s) 410 may comprise any topology of servers, clients, Internet service providers, and communication media. A system according to embodiments may have a static or dynamic topology. Network(s) 410 may include secure networks such as an enterprise network, an unsecure network such as a wireless open network, or the Internet. Network(s) 410 may also coordinate communication over other networks such as Public Switched Telephone Network (PSTN) or cellular networks. Furthermore, network(s) 410 may include short range wireless networks such as Bluetooth or similar ones. Network(s) 410 provide communication between the nodes described herein. By

way of example, and not limitation, network(s) 410 may include wireless media such as acoustic, RF, infrared and other wireless media.

Many other configurations of computing devices, applications, data
5 sources, and data distribution systems may be employed to generate automatically a certification document. Furthermore, the networked environments discussed in FIG. 4 are for illustration purposes only. Embodiments are not limited to the example applications, modules, or processes.

10 FIG. 5 and the associated discussion are intended to provide a brief, general description of a suitable computing environment in which embodiments may be implemented. With reference to FIG. 5, a block diagram of an example computing operating environment for an application according to embodiments is illustrated, such as computing device 500. In a basic configuration, computing
15 device 500 may be any computing device executing a certification application according to embodiments and include at least one processing unit 502 and system memory 504. Computing device 500 may also include a plurality of processing units that cooperate in executing programs. Depending on the exact configuration and type of computing device, the system memory 504 may be
20 volatile (such as RAM), non-volatile (such as ROM, flash memory, etc.) or some combination of the two. System memory 504 typically includes an operating system 505 suitable for controlling the operation of the platform, such as the WINDOWS® operating systems from MICROSOFT CORPORATION of Redmond, Washington. The system memory 504 may also include one or more
25 software applications such as program modules 506, a certification application 522, and a transformation module 524.

The certification application 522 may automatically generate certification documentation. The certification application 522 may retrieve a component
30 information associated with a service from a data store. The component information may include status information associated with components of the service. The component information may be transformed for insertion into a certification template by the transformation module 524. The certification template may be selected automatically based on matching attributes between a
35 certification template and the component information. Alternatively, a consumer of the service may provide attributes to the certification application matching a

certification template. The transformation module 524 may generate the certification by inserting the component information into the template. This basic configuration is illustrated in FIG. 5 by those components within dashed line 508.

5 Computing device 500 may have additional features or functionality. For example, the computing device 500 may also include additional data storage devices (removable and/or non-removable) such as, for example, magnetic disks, optical disks, or tape. Such additional storage is illustrated in FIG. 5 by removable storage 509 and non-removable storage 510. Computer readable storage media
10 may include volatile and nonvolatile, removable and non-removable media implemented in any method or technology for storage of information, such as computer readable instructions, data structures, program modules, or other data. System memory 504, removable storage 509 and non-removable storage 510 are all examples of computer readable storage media. Computer readable storage
15 media includes, but is not limited to, RAM, ROM, EEPROM, flash memory or other memory technology, CD-ROM, digital versatile disks (DVD) or other optical storage, magnetic tape, magnetic disk storage or other magnetic storage devices, or any other medium which can be used to store the desired information and which can be accessed by computing device 500. Any such computer readable
20 storage media may be part of computing device 500. Computing device 500 may also have input device(s) 512 such as keyboard, mouse, pen, voice input device, touch input device, an optical capture device for detecting gestures, and comparable input devices. Output device(s) 514 such as a display, speakers, printer, and other types of output devices may also be included. These devices
25 are well known in the art and need not be discussed at length here.

 Computing device 500 may also contain communication connections 516 that allow the device to communicate with other devices 518, such as over a wired or wireless network in a distributed computing environment, a satellite link,
30 a cellular link, a short range network, and comparable mechanisms. Other devices 518 may include computer device(s) that execute communication applications, web servers, and comparable devices. Communication connection(s) 516 is one example of communication media. Communication media can include therein computer readable instructions, data structures,
35 program modules, or other data. By way of example, and not limitation, communication media includes wired media such as a wired network or direct-

wired connection, and wireless media such as acoustic, RF, infrared and other wireless media.

5 Example embodiments also include methods. These methods can be implemented in any number of ways, including the structures described in this document. One such way is by machine operations, of devices of the type described in this document.

10 Another optional way is for one or more of the individual operations of the methods to be performed in conjunction with one or more human operators performing some. These human operators need not be collocated with each other, but each can be only with a machine that performs a portion of the program.

15 FIG. 6 illustrates a logic flow diagram for a process to generate automatically a certification document according to embodiments. Process 600 may be implemented on a certification application.

20 Process 600 begins with operation 610 retrieving a component information associated with a status of a service from a data store maintaining the component information. The component information may be retrieved in response to a consumer request to receive a certification document associated with the service. The component information may be transformed for insertion into a certification template at operation 620. The component information may be
25 processed with risk analysis data, phraseology data, and localization data to transform the component information to match attributes associated with the certification template and/or the consumer. Next, a certification document may be generated based on the certification template by inserting the component information into the certification template at operation 630.

30

The operations included in process 600 are for illustration purposes. A certification application may be implemented by similar processes with fewer or additional steps, as well as in different order of operations using the principles described herein.

35

The above specification, examples and data provide a complete description of the manufacture and use of the composition of the embodiments. Although the subject matter has been described in language specific to structural features and/or methodological acts, it is to be understood that the subject matter
5 defined in the appended claims is not necessarily limited to the specific features or acts described above. Rather, the specific features and acts described above are disclosed as example forms of implementing the claims and embodiments.

AUTOMATICALLY GENERATING CERTIFICATION DOCUMENTS

Specification

BACKGROUND

5 The proliferation of computerized automation of processes in every aspect
of life, data storage and processing have become a major component of
networked systems handling financial and other transactions. In such systems,
data is entered, modified, or deleted from a number of sources. The same data is
maintained in multiple data stores in same or different formats, and a data store
10 has to pick up or synchronize changes to data based on changes in a different
store. Various data stores from simple tables to complicated databases is
maintained and synchronized as new entries or modifications are made by
different sources. The changes are synchronized at regular intervals. In addition,
variety of services are offered to enable internal and external parties' interactivity
15 with the data hosted by the data stores. Consumers of the data as well as
providers usually demand certifications associated with the services to enable
compliance-associated processes between the parties.

 Compliance certifications demand complex documents. The complexity of
20 the documents rarely comply with strict templates used to generate legacy
certification documents. Components for certifications of a service frequently
need to be reported at differing levels of detail. Variations in detail force
compliance systems to maintain a large number of documents. The documents
usually host similar content, but aggregated differently, at differing levels of detail,
25 and with changes to terminology.

SUMMARY

 This summary is provided to introduce a selection of concepts in a
simplified form that are further described below in the Detailed Description. This
30 summary is not intended to exclusively identify key features or essential features
of the claimed subject matter, nor is it intended as an aid in determining the
scope of the claimed subject matter.

 Embodiments are directed to automated generation of certification
35 documents. A certification application may retrieve a component information
associated with a status of a service from a data store maintaining the component

information. The component information may include component security information and component metadata. The component information may be transformed for insertion into a certification template. Risk analysis data, phraseology data, and localization data may be used to transform the component information. In addition, a certification document may be generated based on the certification template by inserting the component information into the certification template.

These and other features and advantages will be apparent from a reading of the following detailed description and a review of the associated drawings. It is to be understood that both the foregoing general description and the following detailed description are explanatory and do not restrict aspects as claimed.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a conceptual diagram illustrating an example to generate automatically a certification document based on component information associated with a status of a service, according to embodiments;

FIG 2 is a component diagram of a scheme to generate automatically a certification document, according to embodiments;

FIG. 3 is an example of a transformation module automatically generating a certification document, according to embodiments;

FIG. 4 is a simplified networked environment, where a system according to embodiments may be implemented;

FIG. 5 is a block diagram of an example computing operating environment, where embodiments may be implemented; and

FIG. 6 illustrates a logic flow diagram for a process to generate automatically a certification document according to embodiments.

DETAILED DESCRIPTION

As briefly described above, a certification document may be automatically generated based on component information associated with a status of a service. A certification application may retrieve and transform the component information from a data store. The certification document may be generated based on the certification template by inserting the component information into the certification template.

In the following detailed description, references are made to the accompanying drawings that form a part hereof, and in which are shown by way of illustrations specific embodiments or examples. These aspects may be combined, other aspects may be utilized, and structural changes may be made without departing from the spirit or scope of the present disclosure. The following
5 detailed description is therefore not to be taken in a limiting sense, and the scope of the present invention is defined by the appended claims and their equivalents.

While the embodiments will be described in the general context of
10 program modules that execute in conjunction with an application program that runs on an operating system on a computing device, those skilled in the art will recognize that aspects may also be implemented in combination with other program modules.

15 Generally, program modules include routines, programs, components, data structures, and other types of structures that perform particular tasks or implement particular abstract data types. Moreover, those skilled in the art will appreciate that embodiments may be practiced with other computer system configurations, including hand-held devices, multiprocessor systems,
20 microprocessor-based or programmable consumer electronics, minicomputers, mainframe computers, and comparable computing devices. Embodiments may also be practiced in distributed computing environments where tasks are performed by remote processing devices that are linked through a communications network. In a distributed computing environment, program
25 modules may be located in both local and remote memory storage devices.

Embodiments may be implemented as a computer-implemented process (method), a computing system, or as an article of manufacture, such as a computer program product or computer readable media. The computer program
30 product may be a computer storage medium readable by a computer system and encoding a computer program that comprises instructions for causing a computer or computing system to perform example process(es). The computer-readable storage medium is a computer-readable memory device. The computer-readable storage medium can for example be implemented via one or more of a volatile
35 computer memory, a non-volatile memory, a hard drive, and a flash drive.

Throughout this specification, the term "platform" may be a combination of software and hardware components to generate automatically a certification document. Examples of platforms include, but are not limited to, a hosted service executed over a plurality of servers, an application executed on a single
5 computing device, and comparable systems. The term "server" generally refers to a computing device executing one or more software programs typically in a networked environment. However, a server may also be implemented as a virtual server (software programs) executed on one or more computing devices viewed as a server on the network. More detail on these technologies and example
10 embodiments may be found in the following description.

FIG. 1 includes diagram 100 illustrating a conceptual diagram to generate automatically a certification document based on component information associated with a status of a service, according to embodiments.

15

A certification application may generate certification documents associated with components of a service. A server 102 may provide services. A service may include variety of applications including web services, reporting services, financial services, and similar ones. Consumers may demand
20 compliance certification documents associated with provided services such as storage policy certification, security policy certification, and similar ones. As such, a scheme may be in demand to provide certification documents associated with the services of server 102.

25 A server 104 executing a certification application may generate a certification document 114 associated with a component of a service provided by server 102. The certification application may generate the certification document 114 associated with the component. Component information 112 retrieved from the server 102 may provide data associated with the service. The component
30 information 112 may be processed and inserted into a template to generate the certification document 114. Alternatively, the certification application may also generate a certification document 114 associated with a network infrastructure or a personnel associated with a service.

35 The certification document 114 may be transmitted to client devices 106, 108, and 110 consuming the service from server 102. The certification document

114 may also be printed into a hard copy such as a paper printout, an identification card, and similar ones. The certification document 114 may be used to validate the service associated with the certification document 114 or establish a trust based communication between the service and a consumer. A certification
5 document 114 may be generated for each service offered by the server 102. The client devices 106, 108, and 110 may include a server, a desktop computer, a tablet computer, a notebook computer, a smartphone, and similar ones.

While the example system in FIG. 1 has been described with specific
10 components including a server 102 providing services and a server 104 providing certification documents associated with the services, embodiments are not limited to these components or system configurations and can be implemented with other system configuration employing fewer or additional components. In an alternate example, component information 112 associated with a service of the
15 server 102 may be stored in a data store in server 104. The data store may be updated to reflect changes to the service. Furthermore, embodiments are not limited to compliance, validation, and trust based schemes. The approaches discussed here may be applied to any certification process for any services provided by an application and/or a server using the principles described herein.

20

FIG 2 is a component diagram of a scheme to generate automatically a certification document. Diagram 200 illustrates an example certification application generating a certification document 214 from component information associated with a service 202.

25

A data store 212 associated with the certification application may store component information associated with the service 202. The component information may include information associated with components of the service 202 reflecting a status of the service 202. The component information may
30 include component security data 204 and component metadata 206. The component metadata 206 may include descriptive information about the service including a name, a description, input parameters, output parameters, and similar ones. The component security data 204 may include security implementation information associated with security rules executed by the service. The service
35 202 may have multiple components and each component may have component security data 204 and component metadata 206 associated with the service 202.

The data store 212 may be subscribed to the service to update the component security data 204 and component metadata 206 in response to changes associated with the service. In an example scenario, if the service 202 updates its encryption method the data store may receive component information associated with the update and store the component information in the component security data 204. In another example scenario, if the service 202 changes its name, the data store may receive a component information from the service 202 and update the component metadata 206 to reflect the change. Alternatively, the certification application may periodically query the service 202 to retrieve changes to the service 202 and submit the changes to the data store to update the component metadata 206 and the component security data 204. Update frequency may be on a predetermined schedule an automatically adjusted schedule, and an event based action to meet service and certification application parameters and limitations (e.g., available network bandwidth). The event based action may be determined based on a push scenario where execution or detection of a change may generate an event to induce the certification application to submit the change to the data store to update the component metadata 206 and the component security data 204.

20

The transformation module 208 may retrieve the component information from data store 212. The transformation module 208 may process the component information to insert the component information into a certification template. The transformation module 208 may select a certification template from multiple available templates based on matching attributes between the component information and the selected certification template. In an example scenario, the transformation template may select a web certification template in response to detecting web services related information within the component metadata 206 of the component information associated with the service 202. The processed component information may be inserted into the selected certification template to generate the certification document 214. The certification document 214 may be transmitted to a risk analysis entity and/or a consumer of the service 202 to provide compliance information associated with the service to the consumer. The certification document 214 may be used to establish a trusted subscription, encrypted communications, and similar ones between the consumer and the service 202.

FIG. 3 is an example of a transformation module automatically generating a certification document, according to embodiments.

5 As shown in the diagram 300, a transformation module 308 may retrieve component information from data store 312 to generate a certification document 314 based on the component information. The component information may reflect a present status of a service. The transformation module 308 may compare risk analysis data 302 to the component information to verify a status of the service.

10 The risk analysis data 302 may include a subset of component information retrieved externally to verify data associated with the service. The risk analysis data 302 may be determined from any source that estimates a risk to the security of the service such as audits, third party reviews, automated testing, and similar ones. In addition, the transformation module 308 may query the service directly or

15 query a risk analysis provider to retrieve the risk analysis data 302. The risk analysis data 302 may include top level metadata associated with the service. The top level metadata may include component identifiers and status associated with the service.

20 The transformation module may validate the component information with the risk analysis data 302. In response to determining a discrepancy, the component information may be updated with the risk analysis data 302 and the component information may be transmitted back to the data store 312 for storage. The risk analysis data 302 may also be used to change a level of detail of the

25 component information to be inserted into the certification template 310. Level of detail may be determined based on attributes of the top level metadata stored in the risk analysis data 302. Number of footnotes in the certification document may also be determined based on the risk analysis data 302. In addition, the transformation module may also determine a placement of a portion of content of

30 the component information within a body of the certification document 314 and another portion of the content in appendices of the certification document 314 based on the risk analysis data 302.

 In addition, the transformation module 308 may utilize phraseology data

35 304 to transform the component information to parameters associated with a language setting of a consumer. The phraseology data 304 may be used to

translate the component information to a coherent sentence structure of the language parameter associated with the consumer. The translated component information may be inserted into the certification template 310 associated with the language parameter of the consumer. Furthermore, the certification template 310
5 may be selected based on the language parameter of the consumer to provide a translated certification document 314.

Moreover, the phraseology data 304 may be used to process the component information to a technical detail to match a technical detail setting
10 provided by the consumer. The technical detail may also be associated with the certification template. The phraseology data 304 may be used to transform the component information to a technical detail to match a technical detail setting of the certification template 310. In an example scenario, the transformation module 308 may transform the component information to a graph to present a status of
15 the service in a visual format. Furthermore, the phraseology data 304 may be retrieved from a local resource or from a trusted external resource providing phraseology services associated with the consumer of the service.

According to some embodiments, localization data 306 may be used to
20 translate the component information to match a localization setting of the consumer. The localization data may be retrieved from a local resource or a trusted external resource. The localization setting may be determined based on a location of the consumer. Alternatively, the localization setting may be a consumer provided setting.

25

The localization data 306 may include metric parameters to convert metrics and measurements within the component information to match the localization setting of the consumer. The converted metrics and measurements may be inserted into the certification template 310 to generate the certification
30 document 314. The certification document 314 may be formatted based on a headnote parameter, a footnote parameter, and/or an appendix parameter retrieved from the localization data matching the localization setting of the consumer.

35 The example scenarios and schemas in FIG. 2 and 3 are shown with specific components, data types, and configurations. Embodiments are not

What is claimed is:

1. A method executed on a computing device to generate automatically certification documents, the method comprising:

5 in response to detecting a request from a consumer to receive a certification document associated with a service, a first computing device retrieving a component information associated with a status of the service from a data store maintaining the component information;
the first computing device querying one of the service executed at a second computing device and a risk analysis provider to retrieve risk
10 analysis data, wherein the risk analysis data is compared to the component information to validate the component information;
the first computing device determining a level of detail of the component information to be inserted into a certification template based on attributes of top level metadata associated with the service stored in
15 the risk analysis data;
the first computing device transforming the component information for insertion into the certification template;
the first computing device generating a certification document based on the certification template by inserting the component information into
20 the certification template; and
the first computing device transmitting the certification document to a client device associated with the consumer.

2. The method of claim 1, further comprising:

25 the first computing device retrieving component security data included in the component information, wherein the component security data includes implementation information associated with security rules executed by the service.

30 3. The method of claim 1, further comprising:

the first computing device retrieving component metadata included in the component information, wherein the component metadata includes at least one from a set of: a name, a description, an input parameter, and an output parameter associated with the service.

35

4. The method of claim 1, further comprising:

the first computing device subscribing the data store to the service executed at the second computing device to update at least one change associated with component security data and component metadata included in the component information.

5

5. The method of claim 1, further comprising:

the first computing device querying the service to retrieve at least one change associated with component security data and component metadata included in the component information based on at least one from a set of: a predetermined schedule, an automatically adjusted schedule, and an event based action.

10

6. The method of claim 5, further comprising:

the first computing device updating the component information with the at least one change; and the first computing device transmitting the component information to the data store for storage.

15

7. The method of claim 1, further comprising:

the first computing device selecting the certification template based on at least one matching attribute between the component information and the certification template.

20

8. The method of claim 1, further comprising:

the first computing device transmitting the certification document to a client device associated with a risk analysis entity.

25

9. The method of claim 1, further comprising:

the first computing device providing the certification document to the consumer to facilitate establishment of at least one from a set of: a trusted subscription and a trusted communication between the consumer and the service.

30

10. A server implemented on a computing device to generate automatically certification documents, the server comprising:

a memory;

35

at least one processor coupled to the memory, the at least one processor executing a certification application in conjunction with instructions stored in the memory, wherein the certification application is configured to:

5 in response to detecting a request from a consumer to receive a certification document associated with a service, retrieve component security data and component metadata included in a component information associated with a status of the service from a data store maintaining the component information;

10 retrieve risk analysis data associated with the service from one of the service and a risk analysis provider, wherein the risk analysis data is compared to the component information to validate the component information;

transform the component information for insertion into a certification

15 template;

generate a certification document based on the certification template by inserting the component information into the certification template, wherein a placement of a content of the component information in the certification template is determined based on the

20 risk analysis data; and

transmit the certification document to a client device associated with the consumer.

11. The server of claim 10, wherein the certification application is further

25 configured to:

retrieve the risk analysis data associated with the service by one of: querying the service and querying the risk analysis provider, wherein the risk analysis data includes top level metadata associated with the service.

30

12. The server of claim 11, wherein the certification application is further configured to:

update the component information with the risk analysis data in response to determining a discrepancy between the risk analysis data and the component information based on the comparison between the risk

35 analysis data and the component information; and

transmit the updated component information to the data store for storage.

13. The server of claim 11, wherein the certification application is further configured to:

- 5 determine a level of detail of the component information to be inserted into the certification template based on the risk analysis data; and
 determine a number of footnotes in the certification document based on the risk analysis data.

10 14. The server of claim 11, wherein the certification application is further configured to:

- determine a first placement of a first portion of the content of the component information in a body of the certification document based on the risk analysis data; and
15 determine a second placement of a second portion of the content of the component information in appendices of the certification document.

15. The server of claim 10, wherein the certification application is further configured to:

- 20 retrieve phraseology data from one of: a local resource and a trusted external resource providing phraseology services associated with the consumer of the service; and
 translate the component information to a coherent sentence structure of a language parameter associated with the consumer based on the
25 phraseology data.

16. The server of claim 10, wherein the certification application is further configured to:

- process the component information to a technical detail to match a
30 technical detail setting of the certification template.

17. The server of claim 16, where in the certification application is further configured to:

- translate the component information into a language specified by the
35 consumer of the service requesting the certification document.

18. A computer-readable memory device with instructions stored thereon to generate automatically certification documents, the instructions comprising:

5 in response to detecting a request from a consumer to receive a certification document associated with a service, causing a first computing device to retrieve component security data and component metadata included in a component information associated with a status of the service executed on a second computing device from a data store maintaining the component information;

10 causing the first computing device to select a certification template based on at least one matching attribute between the component information and the certification template;

causing the first computing device to query one of the service and a risk analysis provider to retrieve risk analysis data, wherein the risk analysis data is compared to the component information to validate the component information;

15 causing the first computing device to determine a level of detail of the component information to be inserted into a certification template based on attributes of top level metadata associated with the service stored in the risk analysis data;

20 causing the first computing device to transform the component information for insertion into the certification template; causing the first computing device to generate a certification document based on the certification template by inserting the component information into the certification template, wherein a placement of a content of the component information in the certification template is determined based on the risk analysis data; and

causing the first computing device to transmit the certification document to a client device associated with the consumer.

30 19. The computer-readable memory device of claim 18, wherein the instructions further comprise:

causing the first computing device to retrieve localization data from at least one of: a local resource and a trusted external resource;

35 causing the first computing device to translate the component information based on the localization data to match a localization setting of a consumer; and

causing the first computing device to determine the localization setting from at least one of: a location of the consumer and a consumer provided setting.

5 20. The computer-readable memory device of claim 19, wherein the instructions further comprise:

causing the first computing device to format the certification document based on at least one of: a headnote parameter, a footnote parameter, and an appendix parameter retrieved from the localization data.

10

100

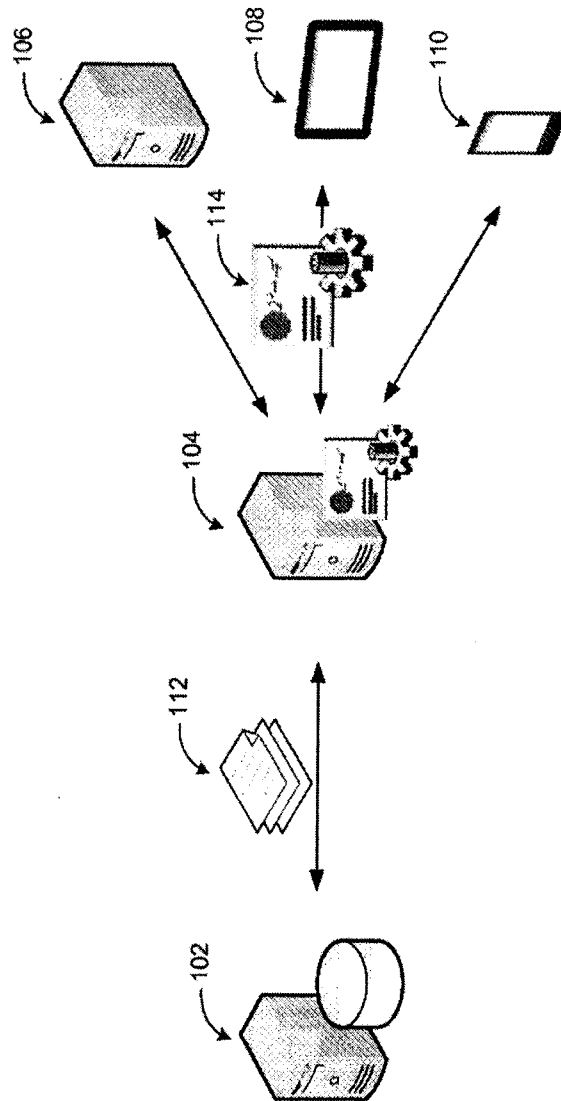


FIG. 1

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MICROSOFT TECHNOLOGY LICENSING, LLC

Applicant

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By:

[Signature]
Attorneys

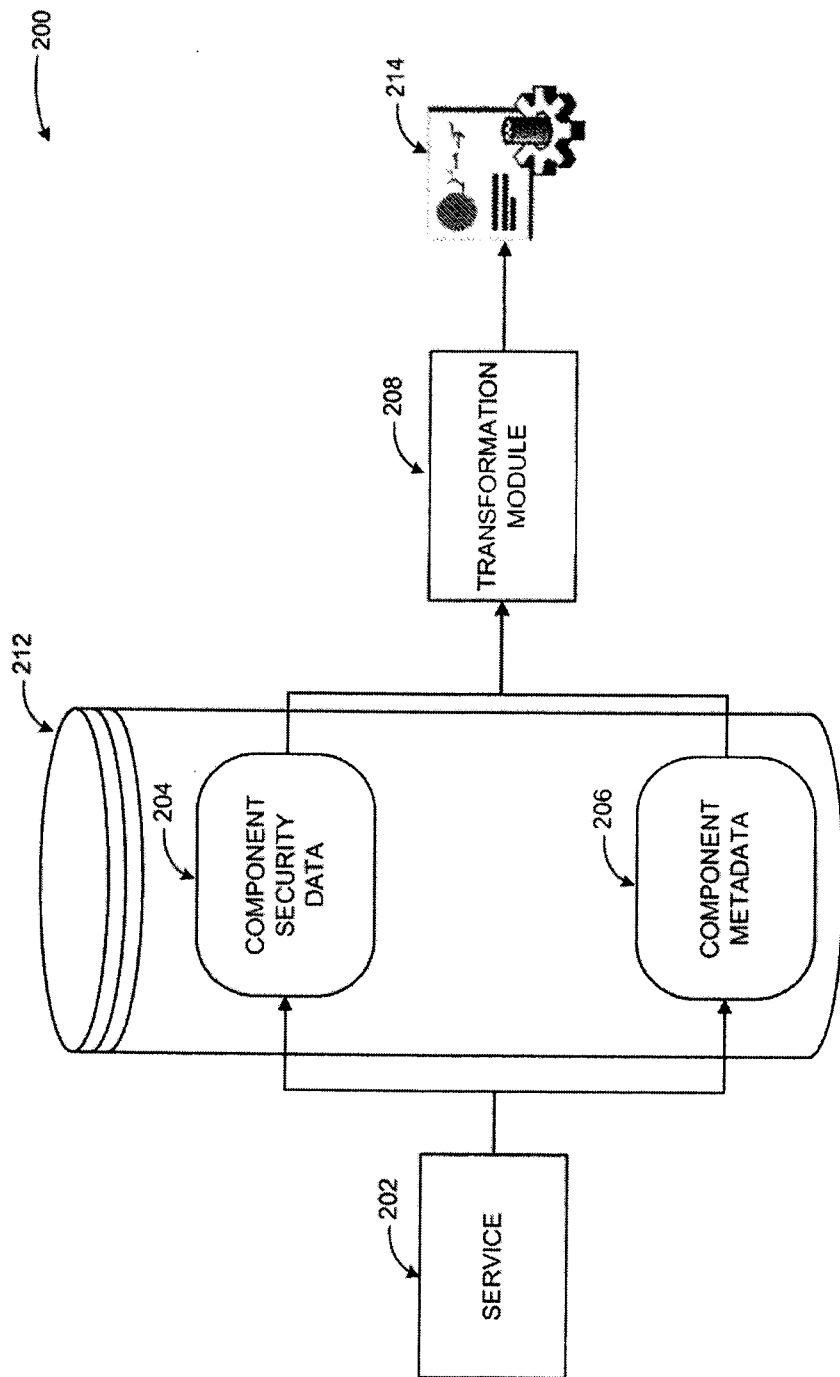


FIG. 2

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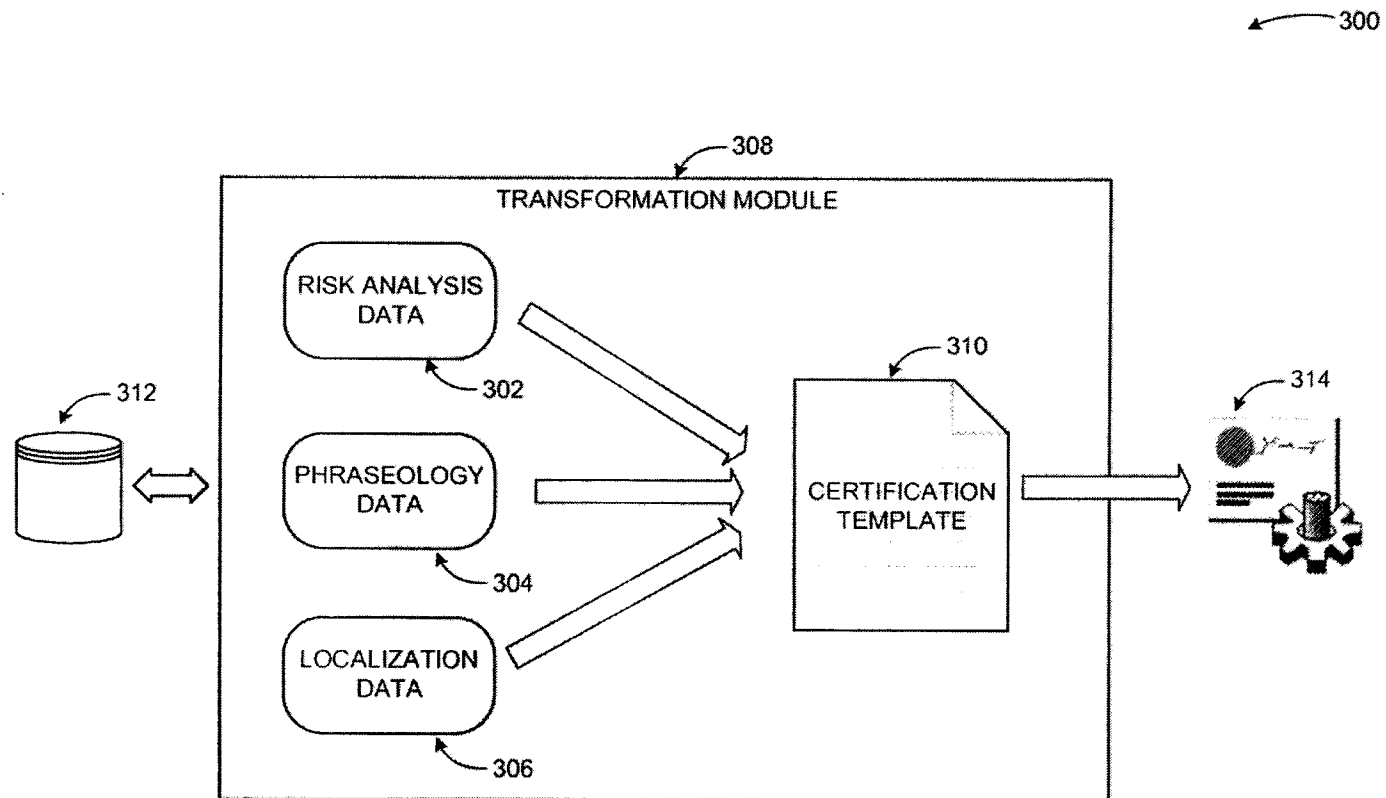


FIG. 3

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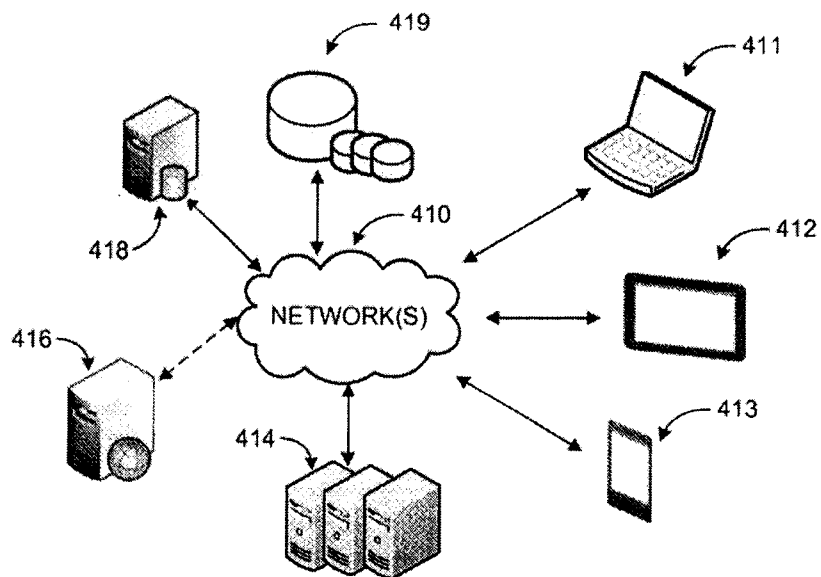


FIG. 4

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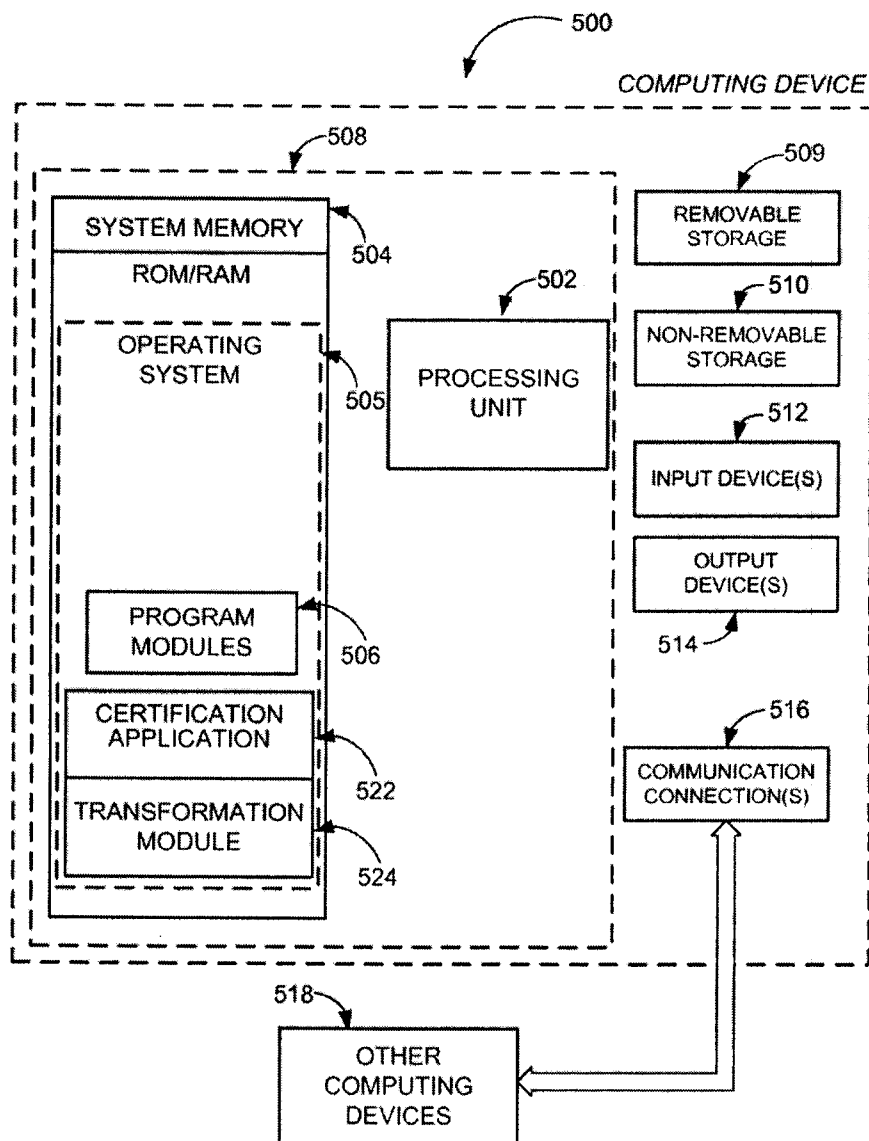


FIG. 5

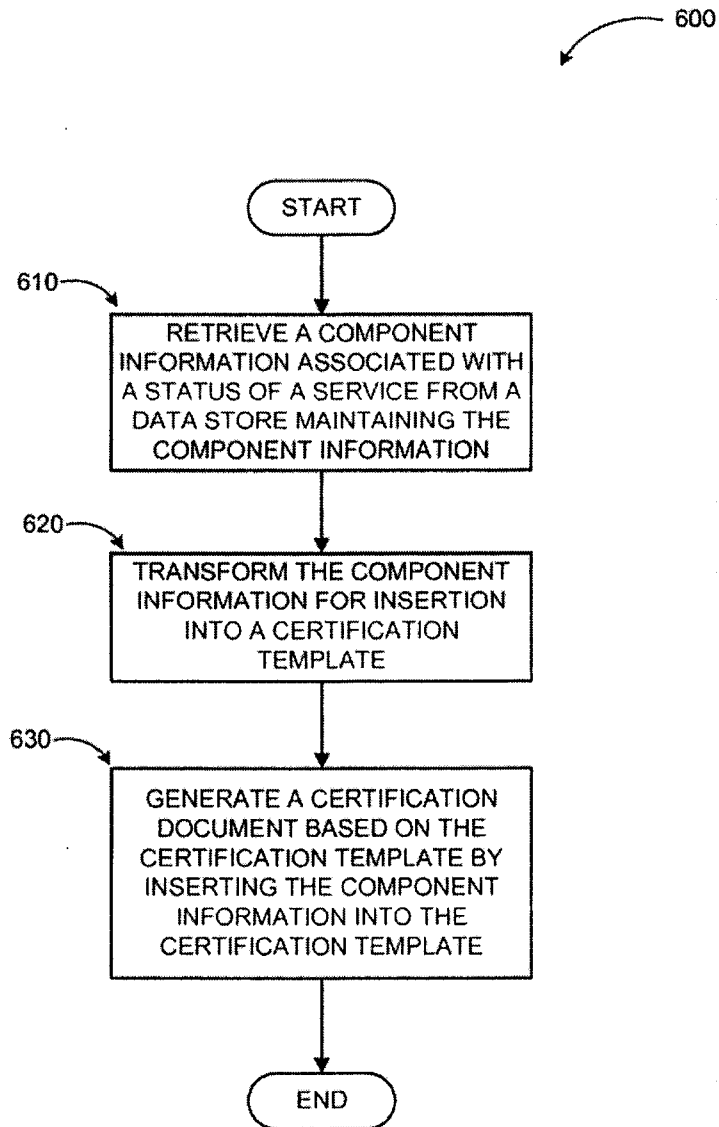
MICROSOFT TECHNOLOGY LICENSING, LLC

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[Handwritten Signature]
Attorneys



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FIG. 6

MICROSOFT TECHNOLOGY LICENSING, LLC

Applicant

SAPALO VELEZ BUNDANG & BULILAN

By:

Attorneys