CLAIMS

What is claimed is:

1. A service provider system comprising:

a non-transitory memory storing instructions; and

one or more hardware processors coupled to the non-transitory memory and configured to read the instructions from the non-transitory memory to cause the service provider system to perform operations comprising:

receiving, from a partner service provider server via an onboarding application programming interface (API) of the service provider system, an API call having organizational data for an entity that was loaded to the partner service provider server;

converting, using the onboarding API, the organizational data to one or more data structures for handling by an onboarding application of the service provider system, wherein the onboarding application comprises computing operations for completing a digital form that onboards the entity with the service provider system;

automatically filling the digital form for the entity using the one or more data structures;

generating an accessible form data structure for the digital form;

storing the accessible form data structure with an entity identifier for the entity, wherein the entity identifier enables retrieval and transmission of the accessible form data structure by at least the entity; and

transmitting an electronic communication associated with the digital form to a digital address for the entity.

2. The service provider system of claim 1, wherein the organizational data comprises at least a portion of account data required for the onboarding application with the digital form, and wherein the at least the portion of the account data is determined from one or more documents for formation of the entity.

3. The service provider system of claim 2, wherein prior to the converting the organizational data to the one or more data structures, the operations further comprise:

parsing a digital representation of the one or more documents received from the API call; and

identifying the at least the portion of the account data based on the parsing.

4. The service provider system of claim 1, wherein the electronic communication comprises an email notification and the digital address comprises an email address associated with the entity, and wherein the email notification comprises one of a web link to the digital form, an attachment comprising the digital form, or the digital form within a body of the email notification having a plurality of fillable interface fields within the email notification.

5. The service provider system of claim 1, wherein prior the receiving, the operations further comprise:

establishing the onboarding API for the partner service provider server, wherein the establishing the onboarding API comprises configuring one or more operations for the converting the entity organizational data received from the partner service provider server to the one or more data structures.

6. The service provider system of claim 1, wherein the operations further comprise:

executing at least one additional API call via the onboarding API to the partner service provider server based on the transmitting, wherein the at least one additional API call updates a status of a completion of the digital form by the entity.

7. The service provider system of claim 6, wherein the status is provided via a real-time bidirectional link that updates the status of the completion through one or more webhooks, and wherein the operations further comprise:

in response to the completion of the digital form, providing, via the onboarding API, an indication of a reimbursement payment to the partner service provider server based on a referral code for the entity by the partner service provider server.

8. The service provider system of claim 1, wherein the automatically filling comprises:

prefilling the digital form using a machine learning model based on the entity organizational data in the one or more data structures; and

determining additional parts of the digital form required by the entity.

9. The service provider system of claim 1, wherein prior to the automatically filling, the operations further comprise:

increasing a trust level for the entity with a risk analysis of the service provider system based on the entity organizational data being received from the partner service provider server.

10. A method comprising:

receiving, by a service provider system from a partner service provider server via an onboarding application programming interface (API) of the service provider system, an API call having organizational data for an entity that was loaded to the partner service provider server;

converting, using the onboarding API, the organizational data to one or more data structures for handling by an onboarding application of the service provider system, wherein the onboarding application comprises computing operations for completing a digital form that onboards the entity with the service provider server;

automatically filling the digital form for the entity using the one or more data structures;

generating an accessible form data structure for the digital form;

storing the accessible form data structure with an entity identifier for the entity, wherein the entity identifier enables retrieval and transmission of the accessible form data structure by at least the entity; and

transmitting an electronic communication associated with the digital form to a digital address for the entity.

11. The method of claim 10, wherein the organizational data comprises at least a portion of account data required for the onboarding application with the digital form, and wherein the at least the portion of the account data is determined from one or more documents for formation of the entity.

12. The method of claim 11, wherein prior to the converting the organizational data to the one or more data structures, the method further comprises:

parsing a digital representation of the one or more documents received from the API call; and

identifying the at least the portion of the account data based on the parsing.

13. The method of claim 10, wherein the electronic communication comprises an email notification and the digital address comprises an email address associated with the entity, and

wherein the email notification comprises one of a web link to the digital form, an attachment comprising the digital form, or the digital form within a body of the email notification having a plurality of fillable interface fields within the email notification.

14. The method of claim 10, wherein prior the receiving, the method further comprises:

establishing the onboarding API for the partner service provider server, wherein the establishing the onboarding API comprises configuring one or more operations for the converting the entity organizational data received from the partner service provider server to the one or more data structures.

15. The method of claim 10, further comprising:

executing at least one additional API call via the onboarding API to the partner service provider server based on the transmitting, wherein the at least one additional API call updates a status of a completion of the digital form by the entity.

16. The method of claim 15, wherein the status is provided via a real-time bidirectional link that updates the status of the completion through one or more webhooks, and wherein the method further comprises:

in response to the completion of the digital form, providing, via the onboarding API, an indication of a reimbursement payment to the partner service provider server based on a referral code for the entity by the partner service provider server.

17. The method of claim 10, wherein the automatically filling comprises:

prefilling the digital form using a machine learning model based on the entity organizational data in the one or more data structures; and

determining additional parts of the digital form required by the entity.

18. The method of claim 10, wherein prior to the automatically filling, the method further comprises:

increasing a trust level for the entity with a risk analysis of the service provider system based on the entity organizational data being received from the partner service provider server.

19. A non-transitory machine-readable medium having stored thereon machine-readable instructions executable to cause a machine to perform operations comprising:

receiving, by a service provider system from a partner service provider server via an onboarding application programming interface (API) of the service provider system, an API call having organizational data for an entity that was loaded to the partner service provider server;

converting, using the onboarding API, the organizational data to one or more data structures for handling by an onboarding application of the service provider system, wherein the onboarding application comprises computing operations for completing a digital form that onboards the entity with the service provider server;

automatically filling the digital form for the entity using the one or more data structures;

generating an accessible form data structure for the digital form;

storing the accessible form data structure with an entity identifier for the entity, wherein the entity identifier enables retrieval and transmission of the accessible form data structure by at least the entity; and

transmitting an electronic communication associated with the digital form to a digital address for the entity.

20. The non-transitory machine-readable medium of claim 19, wherein the organizational data comprises at least a portion of account data required for the onboarding application with the digital form, and wherein the at least the portion of the account data is determined from one or more documents for formation of the entity, and wherein prior to the converting the organizational data to the one or more data structures, the operations further comprise:

parsing a digital representation of the one or more documents received from the API call; and

identifying the at least the portion of the account data based on the parsing.