Service Definition Factsheet

SchoolScreener
VISION

Factsheet: SchoolScreener® Vision

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1. SchoolScreener® Vision

Developed by Thomson Screening in conjunction with City, University of London, SchoolScreener® Vision is a laptop application for end-to-end management of all school-based vision screening programmes. It improves processes and outcomes by creating service management efficiency at all stages, from screening tests to automating all activities according to The NHS National Screening Committee and Public Health guidance.

The service is orthoptist-led with all clinical reporting direct to orthoptists and the application includes automated pathway management and feedback from secondary care. Where implemented secondary care feedback also ensures the provider knows which children referred are seen or have not been taken by their parents for a full Orthoptic review. This also enables full locality wide automated audit and reporting enables provider can communicate with parents automatically to remind them to take their child to the clinic.

Clinical knowledge is not required to use SchoolScreener® Vision. Providers using SchoolScreener typically use Band 2/3s with clinical quality outcomes provided through automated reporting to Orthoptists and other management as required.

The cohort view of the real-time status of each child ensures that no child is missed out and that those marked absent can be easily identified and included later.

As with all SchoolScreener® products, SchoolScreener® Vision Providers have the option to use the SchoolScreener® Parent Portal, enabling Providers, to the extent they require, to eliminate paper communications to parents and automate consent. This also saves print and distribution costs. Also, with COVID-19 concerns using paper for parent communications, using the Parent Portal eliminates such risk to the extent parent communications are automated.

SchoolScreener® Vision uses the same, proven architecture as other Thomson Screening products, used with over 1 million children. These include SchoolScreener Health Needs, SchoolScreener NCMP, SchoolScreener Imms and SchoolScreener Hearing. The platform was developed by Thomson Screening and City, University of London. Thomson Screening was formed by the University to continue development and implementation. SchoolScreener has been developed to be fully flexible to the individual requirements of each Provider.

Automation and efficiency gains are derived from using SchoolScreener Vision at each of the following seven stages in the process:

i. Upload Class Lists

Class lists can be uploaded in .CSV format files. We train and support administrative staff in the upload process.

ii. Download SchoolScreener Vision App onto Laptops

The School Nurse, Screener or Band 2/3 logs in and downloads our SchoolScreener® Vision app onto their laptop. Details of all the schools and children they are assigned to visit are automatically uploaded securely to the laptop.

iii. Recording Screening Data In-School

The Screener takes the laptop and a Vision Kit to the schools to perform the vision screening. Vision Kits are supplied with the licence. Additional Vision Kits are available to purchase, as required.

Each Vision Kit includes:

- 2 x pairs of occluding glasses (sizes for younger and older children)
- 2 x + 2.50 strength reading glasses (sizes for younger and older children)
- 3 metre tape measure
- Match card
- Remote control for use with the screening laptop

The Screener sets up the laptop on a desk and each child views the screen from a distance of 3 metres. Animations are used to engage the child and explain the test. Audible instructions are available in 45 languages.

A test is performed according to Public Health England Service Specifications and results are automatically scored and recorded, thus minimising scoring and transcription errors.

The software enables screeners to quickly screen children with no vision problems and focus on the children that have difficulties.

No internet access in school is required to automate administration, reporting etc. The Screener simply connects to the internet later and selects "Sync".

Referral for Secondary Examination

Screening criteria are set according to Provider requirements. Fails are referred to secondary care according to provider pathways; multiple pathway management is also automated.

Clinicians performing the secondary examination may login and record the outcome of their test thus providing real-time audit information regarding the progress and effectiveness of the screening programme.

Previous manual, paper-driven processes of recording scores and communicating them to 3rd parties are eliminated. This reduces risk associated with error and saves time and cost.

iv.   Automated Parent Letters

Parent letters are automatically produced through customisable templates. Letters for each child are available within seconds, saving a huge amount of time for Screeners or Administrators.

v.   Automated Audit and KPI Report Generation

Key Performance Indicator reporting is automated through the SchoolScreener dashboard. Audit reports are also available, as required. All reports are customisable to local requirements.

SchoolScreener Vision, like all other SchoolScreener modules, is GDPR and NHS IG Kit compliant.

vi.   Sharing Data with Other Systems

Vision test result data can be shared with third party systems, such as child health record systems via API or data export in CSV format.

By centralising and using data in this manner across a district, any children missed in the first phase of a campaign, if absent from school, for instance, can be easily identified and picked up later.

As with other Thomson Screening products, often service provision is delivered alongside other SchoolScreener® products. These are:

- SchoolScreener Health Needs (for automated Health Needs assessments in primary and secondary schools – fully automating all administration, risk reporting, consent and communications);
- SchoolScreener NCMP (for automating NCMP administration and parent communications);
- SchoolScreener Imms with eConsent (for managing school-age vaccination programmes);
- SchoolScreener Hearing (for reception-age hearing screening programmes).

2.   Parent Portal

SchoolScreener® Parent Portal now comes as a standard addition with all SchoolScreener apps, including SchoolScreener® Vision. It provides rapid, electronic communication with parents. It's used to share public health information, for example via downloadable PDF leaflets, thus avoiding the cost and time required to print and distribute paper versions. It also allows for instant opt-in/opt-out or electronic consent, if required. Once consent is given (or not), it shows instantly on the SchoolScreener dashboard, in cohort view.

3.   Business Continuity and Disaster Recovery

The service expands in-line with demand. We use a major, UK Hosting provider which is DSP ToolKit, GDPR compliant and approved suppliers to G-Cloud 11. Our data centre is ISO certified, PCI DSS compliant and secured to UK government IL4 standards, which delivers exceptional levels of data security at all times. Cisco ASA Firewalls are used as standard.

SchoolScreener is also DSP Toolkit and GDPR compliant.

4. Implementation, Onboarding and Offboarding

Implementation includes system set up and customisation, addition of team members, allocation of logins, uploading first class lists, sharing of information between school nursing service and schools (and then parents). Plus, the training and support contained within the onboarding process (see below).

Typical implementation schedules are 6 weeks, with the timings of constituent elements in the process shown in the chart below. This forms part of the implementation project plan and client documentation.

No.	TASK	Responsible	status	SLA	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7
	SchoolScreener Implementation Timings **Client:**		Week Beginning								
	School Screener Implementaion										
1	Contract and IG documents completion	MK / ML									
2	Completion of Client requirement brief	ML/PM/CSL									
3	Creation to team structure and schools	MK/CSL/ML/PM									
3	Letter templates creation, amends and final approval	CSL/ML/PM/									
4	Requesting and uploading pathway and pass/fail criteria	CSL									
5	Requesting and uploading children's data to the Schoolscreener Server	ML/PM/CSL									
6	Installing and testing the application on trust equipment	MK/PM									
7	Training	CSL									
8	Screening starts	Client									

Key	
Green - in progress or successfully completed	
Amber - potentially at risk of not being met or delivered on time	
Red - Missed or not delivered	

Client	
Thomson	
BOTH	

Project Contacts

THOMSON	
Micheal Ter-Berg	Chief Executive
Marta Kalas	Director of Operations
TSS CSL	Client Support Liaison
Client	
ML	Mobilisation Lead
PM	Project Manager

A detailed, 3-page client requirement form is given to each new client, in order that once completed, the customisations can be applied. They also receive a detailed summary of each step in the process over the coming weeks during implementation. This also specifies what the client needs to do and when.

Onboarding consists of user training and customer support. Once set up, SchoolScreener Vision is a fully automated system, so only limited user training is required.

Full training is delivered onsite at client premises by our Training Manager, or remotely according to client requirements. This covers training of clinical and administrative users. Training is practical, hands on and encompasses usage of the system, including reporting. Training is supported by

documentation for future reference, in any format requested by the client, including accessible formats such as PDF/A.

Our support team ensure that all new users are loaded into the system with user rights appropriate to their function.

Agreements are terminated according to the provisions within the contract. Agreements automatically roll-on to a new term, subject to these provisions. In the event of termination, offboarding is a fully documented process. It includes us requesting from the client which format they require their data. Then we supply to that requirement. User access is then withdrawn and data (including backups) is removed from the system. Written confirmation of all stages of the process undertaken is supplied to the client.

5. Key Benefits of SchoolScreener® Vision

- Automates All Administrative and Reporting Processes
- Fully Orthoptic lead but screening in school does not require clinical knowledge. Orthoptists and provider management received fully detailed results reporting according to locality requirements.
- Enabling new ways of working
- Automatic Recording of Results Minimises Scoring and Transcription Errors
- Increase Capacity from Existing Resources Through Immediate Efficiency Gains
- Minimises time in school and in the office
    - No need to visit the office for any activities
    - Share workload
    - Training and support on-line
    - Pick-up activities from colleagues if they are not available
    - Real-time reporting of progress
- Cohort View Shows Real-Time Status of All Children Simultaneously
- Configurable to Local Requirements for Pass/Fail and Secondary Referral
- GDPR and NHS IG Kit Compliant for Security of Data
- Improved Commissioner/Stakeholder Relationships via Automated Reports and Dashboards
- Proven Platform Improves Clinical Risk Management and Information Governance
- Improves Efficiency of Follow-Up Campaigns for Absent Pupils
- Cut Costs Further if use with Other SchoolScreener Cloud Services

6. Contracts and Payment Terms

The minimum contract term is 12 months, although it can be fixed for multiple years to suit the needs of the customer.

Payment terms are 30 days from date of invoice.

All prices exclude VAT, which will be added at the prevailing rate.

7. Service Constraints and Technical Requirements

The service has 2 broad components. The service constraints and technical requirements for each are as follows:

i. In-School Application

In-school, nursing teams require laptops. No internet connection in school is required. Data is pushed to the Cloud once the laptop is back online and the 'Synchronise' button is pressed. Vision screening requires Windows 10 or later; we recommend 12" screens as a minimum, although it will work on screens down to 10.1". Screening can also be delivered using SchoolScreener with Keeler flipbooks or other manual testing methods.

ii. Automated administration.

Using SchoolScreener's automated online administration, administrators or screeners can print letters to parents, pathway management is automated, and all reporting is automated according to Provider requirements. Data management is also coordinated.

8. After Sales Support and Service Levels

All prices include product updates and upgrades and full technical support.

Full technical support is included as part of the licence fee. Support is provided between the hours of 9am and 5pm, Monday to Friday excluding public holidays, in line with service provider clients' requirements.

Support is provided via email, a ticketing system, telephone or web chat. As required, our staff attend on-site, too. Responses are always on the same business day of receipt of request. Resolution is currently 96.2% on the same day as receipt of request.

SchoolScreener® software supports school and public health nursing teams to release more time for care. We share their concerns for safely updating work practices based on sound evidence.

To help with this, we've developed SchoolScreener and underlying platform, so they drive out unnecessary admin time and expense, to support Providers focus resources on service delivery.

We're here to help, whether in automating health needs assessments & risk reporting, managing a fast-moving in-school immunisation campaign, collecting NCMP data, delivering hearing screening or running reception-age vision screening.

Each product has its own special benefits as well as several in common:

- **Parent Portal for rapid, effective, 2-way communications and opt-in/-out plus eConsent.**

- **Full functionality in-school, even if there's no internet available. You simply work as normal and synchronise once you're back online.**

- **Automated reports and dashboards for nursing teams, management and commissioners.**

- **Automatic parent communications.**

HEALTH NEEDS   **IMMS**   **NCMP**   **VISION**   **HEARING**

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